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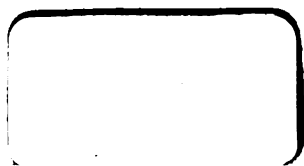
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CATALOGUE
OF
ORIENTAL COINS
IN THE
BRITISH MUSEUM.

VOL. VIII.

LONDON:

PRINTED BY ORDER OF THE TRUSTEES.

LONGMANS & Co., PATERNOSTER ROW; B. M. PICKERING,
66, HAYMARKET; B. QUARITCH, 15, PICCADILLY; A. ASHER & Co.
13, BEDFORD STREET, COVENT GARDEN, AND AT BERLIN;
TRÜBNER & Co, 57 & 59 LUDGATE HILL.

PARIS: MM. C. ROLLIN & FEUARDENT, 4, RUE DE LOUVOIS.

1883.

LONDON:
GILBERT AND RIVINGTON (LIMITED),
ST. JOHN'S SQUARE, CLEBKENWELL ROAD.

THE
COINS OF THE TURKS

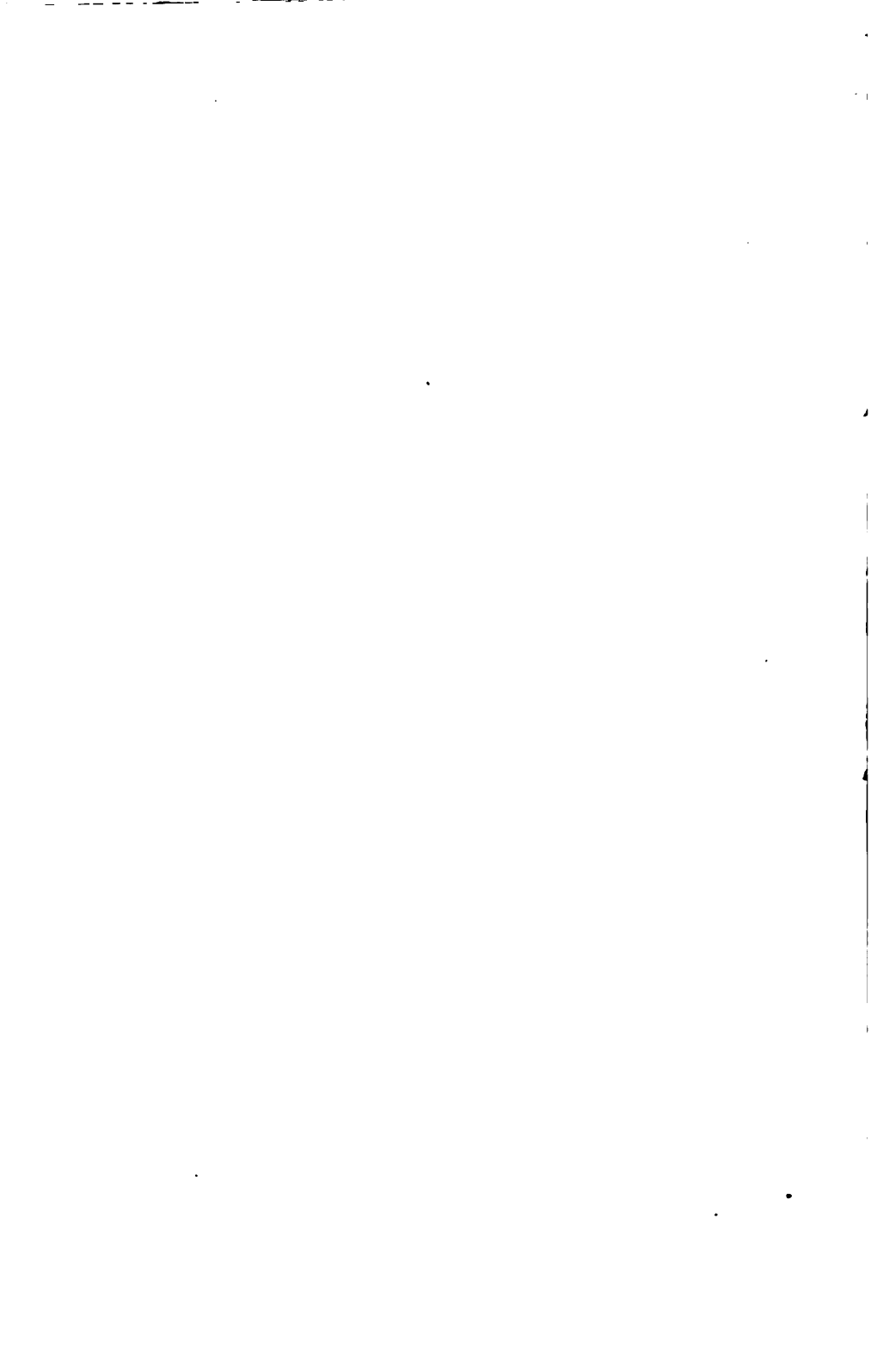
IN THE
BRITISH MUSEUM.

CLASS XXVI.

BY
STANLEY LANE-POOLE.

EDITED BY
REGINALD STUART POOLE,
CORRESPONDENT OF THE INSTITUTE OF FRANCE.

LONDON:
PRINTED BY ORDER OF THE TRUSTEES.
1883.



EDITOR'S PREFACE.

THE Eighth Volume of the Catalogue of Oriental Coins in the British Museum comprises the coinage of the 'Othmánlee Sultáns of Turkey, together with that of the *Qará-Kuyunli* and *Áq-Kuyunli*, and the minor dynasties that succeeded to the Seljookee empire in Asia Minor. Fraehn's Class XXVI. corresponds to the greater part of the contents of this volume.

The large extent of the series of 'Othmánlee coins rendered some method of compression desirable, and the brevity of their inscriptions fortunately permitting an arrangement in double columns, the descriptions of the obverse and reverse are placed side by side. The length of the inscriptions of most Mohammadan coins precluded this method of printing in previous volumes of the Catalogue.

The metal of each specimen is stated, and its size in inches and tenths, in the same manner as in preceding volumes. The weight of typical examples in gold and silver is stated in English grains. Tables for converting grains into grammes, and inches into millimètres as well as into the measures of Mionnet's scale, are given at the end of the volume.

Typical specimens are figured in the twelve plates, which are executed by the autotype mechanical process from casts in plaster.

The work has been written by Mr. Stanley Lane-Poole; and I have carefully revised it, comparing every coin with the corresponding description.

Since the publication of the last volume, the Académie des Inscriptions et Belles-Lettres of the Institute of France has conferred upon this work, as represented by the Fifth Volume, the honour of *couronnement*, by awarding to it the biennial Prix Duchalais.

REGINALD STUART POOLE.

INTRODUCTION.

THE present volume is mainly occupied by the description of the coinage of the 'Othmánlee Sultáns, to which that of the Ameers of Asia Minor forms a necessary introduction. The latter consists of twenty-five coins of various dynasties which sprang up on the ruins of the Seljookee empire of Er-Room, and governed the greater part of Asia Minor until they were in turn themselves succeeded by the 'Othmánlee Turks. Only three varieties of these rare coins have hitherto been published, but these three have had the advantage of the minute and detailed annotations of Dr. E. von Bergmann* and Prof. J. Karabacek.† These two papers form almost the sole authorities for the explanation of similar issues. The inscriptions, indeed, are generally quite clear and legible, but the names when read are not easily to be identified in history. Von Hammer treats of the annals of Asia Minor from the fall of the Seljookees to the conquest by the 'Othmánlees with far too little detail; and the Turkish annalists, upon whom his industrious work is founded, are both vague and contradictory. In these circumstances the identification of the eleven princes whose coins are found in the British Museum was a matter requiring some research; and the construction of full dynastic lists, with the dates of accession and decease, was still more difficult of accomplishment. The princes and dynasties in question were sufficiently numerous and long-lived to allow ample room for omission and confusion.

* Beiträge zur muham. Münzkunde: Sitzungsberichte der phil.-hist. Classe der K. Akademie der Wissenschaften, vol. lxxiii. p. 129 ff.

† Gigliato des jonischen Turkomanen Fürsten Omar-beg: Numismatische Zeitschrift, vol. ii. pp. 524-538, and vol. ix. pp. 207-214.

Between the years 700 and 877 of the Hijreh ten separate dynasties, comprising nearly fifty princes, arose in Asia Minor, fought together, and annexed each other's towns, were subjugated by the 'Othmánlees and restored to independence by Timur, and finally were reconquered and annexed by the former. Of the dates and even the names of many of these princes the historians furnish mutually contradictory accounts, and sometimes there is a long interval without a single item of information. These contradictions and other difficulties have been discussed in a paper contributed by me to the Journal of the Royal Asiatic Society (vol. xiv., 1882), which may be consulted for details. It is only necessary here to summarize the results which were there set forth.

On the breaking-up of the Seljookee empire of Er-Room, ten separate dynasties divided its territories among themselves. The *Karásee* dynasty sprang up in Mysia; the lines of *Şároo-Khán* and *Aydeen* in Lydia; of *Menteshá* in Caria; of *Tekkeh* in Lycia and Pamphylia; of *Hameed* in Pisidia and Isauria; of *Karamán* in Lycaonia; of *Kermiyán* in Phrygia; of *'Othmán* in Phrygia Epictetus; and of *Kızıl-Ahmedlee* in Paphlagonia.

All these dynasties were gradually absorbed by the rising power of the 'Othmánlees, once the least among them. The first dynasty to succumb was that of *Karásee*, which was annexed in A.H. 737. Next, *Hameed* was purchased on the occasion of a marriage alliance in 783; and in 792 *Báyezeed* (*Bajazet*) I. annexed *Kermiyán*, *Tekkeh*, *Şároo-Khan*, *Aydeen*, and *Menteshá* in a single campaign, and finished his work in 794 and 795 by the conquest of *Karamán* and *Kızıl-Ahmedlee*. Thus, at the end of the eighth century of the Flight, not a hundred years after the assumption of independence by 'Othmán I., the arms of his great-grandson had swept away the nine rival dynasties. After the battle of Angora, however, late in 804, where *Báyezeed* was defeated and taken prisoner

	<p data-bbox="184 411 295 438">731 Nicaea.</p> <p data-bbox="564 459 688 486">Annexed <u>737</u>.</p> <p data-bbox="388 593 507 619"><u>761</u> MURÁD I.</p> <p data-bbox="385 730 523 758"><u>792</u> BÂYEZEED.</p> <p data-bbox="461 890 683 917">[804 Invasion of Timur.]</p> <p data-bbox="388 933 554 960"><u>805</u> MOHAMMAD I.</p> <p data-bbox="391 1165 520 1192"><u>824</u> MURÁD II.</p> <p data-bbox="443 1279 678 1327">(Ishák Páshá Governor of Anatolia.)</p> <p data-bbox="391 1340 629 1367"><u>855</u> MOHAMMAD II. † <u>886</u>.</p>	<p data-bbox="702 497 828 545">ALÁ-ED-DEEN ALEK † <u>794</u>.</p> <p data-bbox="740 790 777 817"><u>794</u></p> <p data-bbox="702 933 837 960">MOHAMMAD II.</p> <p data-bbox="702 1241 808 1305">IBRÁHEEM. † 868</p> <p data-bbox="706 1417 847 1465">PEER AHMAD and ISHÁK.</p> <p data-bbox="740 1492 777 1519"><u>877</u></p>
<p data-bbox="136 497 170 523">750</p> <p data-bbox="136 833 170 858">800</p> <p data-bbox="142 1321 176 1348">850</p>		<p data-bbox="865 497 899 523">750</p> <p data-bbox="865 833 899 858">800</p> <p data-bbox="872 1321 906 1348">850</p>

by Timur, and for the moment the power of the 'Othmánlees in Asia was almost annihilated by the Tatar horde, seven of these dynasties (but not Karásee or Hameed) were restored by Timur, and enjoyed a renewed vitality for some twenty-five years; but in 829-32 five of them were re-absorbed by Murád (Amurath) II., and in 877 the 'Othmánlee rule, in the hands of Moḥammad II., the conqueror of Constantinople, was supreme over all the provinces which once owned the sway of the Ten Ameer.

The opposite table, which has been compiled from the sources already mentioned, as well as from the Sharaf-Námeḥ, Sa'd-ed-deen, and other authorities, gives a synchronous view of the ten dynasties and the princes who composed them. Those dates which are underlined are confirmed by the authority of Sa'd-ed-deen, whose highly-esteemed history Mr. E. J. W. Gibb has kindly consulted for me. These and the other dates generally rest upon several authorities; but certain divergences are recorded in the article already referred to. The most important are 740 or 746 for the accession of Ilyás of Šároo-Khán; 749 or 759 for that of 'Eesá of Aydeen; the insertion of an 'Alee in the Karamán list, 815—824, for which there is no satisfactory evidence; and 873 or 877 for the submission of Pir Aḥmad and Ishák of the same dynasty. Among the coins, all of which are inedited, the following must be signalized as specially important: no. 53, of Ibráheem of Karamán, establishing his accession in 829 (not 830, as Sa'd-ed-deen and the Sharaf Námeḥ, nor 826, as Bergmann), and presenting a remarkable obverse inscription; no. 58, of Ishák of Šároo-Khán, with date 776, proving that Rasmussen's date 791 for Ishák's accession is incorrect; no. 59, of 'O[mar] ibn Ilyás of the same dynasty, as being the only evidence with which I am acquainted, besides Von Hammer's mention of an "Umurbeg" in 810 (vol. i. p. 348), that such a prince belonged to the line at all; no. 60, a most valuable coin of Juneyd, proving that this

adventurer did not retain the outward marks of vassalage imposed upon him in 814 or 816 by Sultán Moḥammad I., whose name does not appear on the coin; and no. 62, which presents the name of a certain Leyth ibn Ilyás of Menteshá, 824, totally ignored by the historians, who give Uweys and Aḥmad as successors of Ilyás in 824, and state that they were imprisoned in 829 in consequence of having fled from the "favours of the heaven-supported monarch," the 'Othmánlee Sultán, at whose court they had been compelled to reside. Perhaps their brother Leyth, whom this coin reveals to us, was regent and viceroy in their absence. The coins of Moḥammad Arteen, of Ishák (Páshá? governor of Anatolia under Murád II. and Moḥammad II.), and Mufettiḥ-ed-deen, an elsewhere unrecorded vassal of the house of Karamán, are also important additions to the numismatics of the period.

The coinage of the 'Othmanlee Sultáns presents very few difficulties. The inscriptions are short, and consist of little beyond the name and style of the Sultán and the mint and date. At first a simple religious formula was employed, but this soon dropped out of use. The coins of Urkhán (the first Sultán who exercised the right of coining) have not even the mint or date inscribed upon them, but only the *Kelimeh* on one side and the Sultán's name, with generally no title, but sometimes with السلطان الاعظم, on the other. One specimen of his successor, Murád I., bears the date 790 in ciphers, and after this all 'Othmánlee coins are dated, but always in ciphers.* The earliest occurrence of a mint in the British Museum collection is on a coin of Moḥammad I. struck at Brusa in 822. The inscriptions soon assume a monotonous character, consisting merely in the name of the Sultán and his father, as محمد بن مراد خان

* From the time of Bayezed II., however, the majority give only the date of each Sultán's accession, until Mustafa III., 1171, when the practice of adding the year of the reign was introduced.

(sometimes with سلطان prefixed), followed by the benedictory formula خلد الله ملكه or more commonly خلد ملكه, which about the time of Seleem II. gives place universally to عز نصره. Sometimes both formulas occur on the same coin, and in one case we read خلد ملكه ودوته; on another عز نصره وايدته. On the large pieces of the New Coinage دامر ملكه is used instead of the preceding; and on one type we find دامر ملكه وسلطنته الى اخير الدوران. The simplicity of the Sultān's titles is seldom varied. Suleymán Chelebee calls himself امير once; Moḥammad I. once خاغان. Bayezed II. introduces the formula ضارب النصر صاحب العزو النصر "Striker of the glittering [gold] and lord of might and victory by land and sea," which in the reign of Murád III. is replaced by سلطان البرين وحاقان البحرين سلطان, "Sultān of the two continents and Khaḡán of the two seas, Sultān, son of the Sultān." Seleem II. affects the title شاه, and the same is used by his son Suleymán the Magnificent, who also adopts the style of بادشاه غازى on some curious gold pieces struck in the Hijáz (for Mekkeh and El-Medeeneh,—[الحرمين الشريفين]). Maḥmood II. introduces the only other important variation by employing (besides غازى) the form سلطان سلاطين زمان عدلى محمود.

The Tughrá, or monogram of the Sultān's name and titles, appears for the first time in an elementary form on coins of Suleymán Chelebee. It was said to have originated from the impression of Sultān Murád I.'s hand dipped in ink, (which was all the handwriting the Sultān was capable of,) and has always been the official signature of the Porte. It consists generally of the formula of Sultān X. son of Sultān X. Khán, and sometimes includes the word صبا, written small, within the curves of the monogram, which Fraehn doubtfully interprets دايماً. The various forms of the Tughrá may be seen in the Plates at the end of this volume. It does not become frequent on the coins until the reign of Moḥammad III. (1003 A.H.).

A certain interest attaches to the mints of 'Othmánlee

coins as affording indisputable evidence of the growth of the Ottoman empire, and also as throwing some light on its provincial divisions. The following list of the mints of each Sultán, as represented in the National Collection, may be compared with the very instructive table of the gradual increase of the Turkish empire which Mr. E. J. W. Gibb has kindly drawn up expressly for this work, and for which his study of the original Turkish authorities has proved especially valuable.

MINTS OF THE 'OTHMÁNLEE EMPIRE.

SULTÁN.	EUROPE.	ASIA.	AFRICA.
'Othmán (no coins)			
Urkhán (no mints)			
Murád I. (no mints)			
Báyezeed I. (no mints)			
Suleyman Chelebee (no mints)			
Mohammad I.	Serez * 822	Brusa † 822	
Murád II.	Adrianople 832	Brusa	
	Serez	Ayásuluk	
Mohammad II.	Adrianople	Brusa	
	Serez	Ayásuluk	
	Constantinople ‡ 875	Tireh	
		Khánjeh §	
Ráyezeed II.	Constantinople	Brusa	
	Adrianople		
	Karatova 886		
	Novár || 886		

* سرز; also, perhaps, سروز 816 (no. 102 a): سروز is a usual way of spelling Serez.

† Spelt بروسا and (؟) بروسة, and (Murád II. etc.) بروسة

‡ Spelt قسطنطينية until the time of Suleymán II.'s introduction of the New Coinage; thenceforward قسطنطينية.

§ Locality unknown. M. Sauvaire suggests Janitza; but حاسمه has a dot over the ح, and is of a Syrian style of work.

|| Locality unknown, but perhaps for Novaberdeh, in Bosnia. M. Tiesenhausen, following Gen. Bartholomaei, suggests نواز near Halab, and M. Alishan confirms this view. The

E



SULTÁN.	EUROPE.	ASIA.	AFRICA.
Seleem I.	Constantinople Novár	Ruhá Brusa ?	
Suleymán I.	Constantinople	Brusa	Egypt (i.e. Cairo) 926
	Sidreh-Ḳeysee 926	Ámid	Tripoli*
	Karatova	Damascus 926	Tunis
	Novár	Aleppo 926	Algiers
	Novaberda 926	Ṣoor ? Hijáz	
Seleem II.	Novaberda	Aleppo Baghdád 974 (?) هادبا	Egypt
Murád III.	Constantinople Sidreh-Ḳeysee Novaberda	Damascus Aleppo Ámid Khánjeh Baghdád Sákiz †	Egypt Algiers Tilimsán †
Mohammad III.	Constantinople Novaberda	Skub§ Damascus Aleppo Ámid	Egypt Tunis Algiers
Aḥmad I.	Constantinople	Erđ-room (Er- zerroom) Ḳará... || Khánjeh Aleppo Ámid	Egypt Tripoli (غرب) Tunis Algiers

fabric of these coins, however, is certainly European, and identical with that of coins of Novaberda. Ahmad Vefik Pasha positively asserts that it is Novaberda.

* This may be Syrian Tripoli, as it has not the epithet غرب which on all future coins distinguishes the African mint.

† A very extraordinary coin, see below p. xxxvi.

‡ So read by M. Tiesenhausen. سائر is the Turkish name of Scio.

§ اسكوب, for Uskub, سكوب.

|| Of Asiatic type, like the Ámid and Erzerroom issues.

SULTAN.	EUROPE.	ASIA.	AFRICA.
Muṣṭafá I. (1st reign)			Egypt
'Othmán II.	Constantinople	Damascus	Egypt Tripoli
Muṣṭafá I. (2nd reign)	Constantinople	Erzeroom	(Egypt) Tripoli
Murád IV.	Constantinople	Aleppo Şan'á *	Egypt Tunis Algiers
Ibráheem I.	Constantinople	Damascus Ámid	Egypt Tunis Fes? ? †
Moḥammad IV.	Constantinople	Damascus Aleppo Baghdád	Egypt Tripoli Tunis Algiers.
Suleymán II.	Constantinople Seráí ‡	Ván? Baghdád	Egypt Tripoli Tunis
Aḥmad II.	Constantinople		Egypt
Muṣṭafá II.	Constantinople Adrianople.	Smyrna §	Egypt Tripoli Tunis
Aḥmad III.	{ Constantinople Islámból }	{ Tifées || Eriván || Kenjeh Tebreez ||	Egypt Tripoli Tunis

* The only coin of San'á in the Ottoman series.

† A very curious and obscure coin; Mr. Gibb does not believe that Turkish rule ever extended so far as Fes.

‡ M. Belin records a special of Maughirs of necessity (like this) at Bosna Saràí, and Jevád Bey confirms him.

§ The establishment of a mint at Smyrna in this reign is mentioned by Belin and Jevád Bey.

|| Peculiar issues at Tifées, Eriván and Tebreez in this reign are recorded by Belin "à petit cordon," weight 100 to 110 drachmes; and 400 askcheh.

SULTÁN.	EUROPE.	ASIA.	AFRICA.
Mahmood I.	* { Islámból Constantinople }	Kenjeh Tiftees Diyárbekr	Egypt Tripoli Tunis Algiers
'Othmán III.	{ Islámból Constantinople }		Egypt Tripoli Algiers
Muṣṭafá III.	Islámból	Aleppo Tebreez Baghdád	Egypt Tripoli Tunis Algiers
'Abd-El-Hameed I.	{ Islámból Constantinople }	Baghdád	Egypt Tripoli Tunis Algiers
Seleem III.	Islámból		Egypt Tripoli Tunis Algiers
Muṣṭafá IV.	Constantinople		Algiers
Mahmood II.	Constantinople	Ván Baghdád Hijáz(Mekkeh)	Egypt Tripoli Tunis Algiers Constantine.
'Abd-El-Mejeed.	Constantinople	Baghdád	Egypt Tunis
'Abd-El-'Azeez.	Constantinople		Egypt Tunis
Murád V.	Constantinople		
'Abd-El-Hameed II.	Constantinople		

* Islámból ("Islam Plenteous") is merely a fancy name for Constantinople. When coins are struck with each name it is noticeable that as a rule Islámból occurs on the gold and Constantinople on the silver coinage. The theory that Islámból was used, instead of Kusanṭeneeyeh, to indicate that the Şulṭan did not inherit by direct Ottoman succession, finds no support in the coins themselves.

There is but one serious difficulty connected with 'Othmánlee coins, and that is their metrology. The coinage of other Mohammadan dynasties is of a more or less simple character; deenárs and dirhems, with very occasional and elementary subdivisions and multiples, have comprised the denominations of all gold and silver issues; and the fluctuating and anomalous copper coinage which accompanied them has defied metrological analysis. Even if the standards and purity of the earlier Mohammadan issues presented a more important field of metrological inquiry, the data appear to be almost wholly wanting. The weights and purity of deenárs and dirhems were constantly changing, at the bidding no doubt of the financial exigencies of the particular State or sovereign; but in the vast majority of instances the records as to these changes and their causes have not been found. In preparing the Catalogue of Oriental Coins in the British Museum, therefore, it has not been necessary and rarely possible, hitherto, to enter with any reasonable prospect of commensurate results into the vexed questions of Mohammadan metrology. With the 'Othmánlee coinage, however, the case is different. Here we have some data to go upon. The commercial relations between Turkey and other European powers made some sort of approximation to European systems of currency necessary, and also called forth from time to time official tariffs of exchange between Turkish and other coinages. These documents not only deal with the exchange value and the mutual relations of the various 'Othmánlee coins, but often give their weights and certain rough descriptions of their appearance and distinctive marks. No description of the modern Turkish coinage would be complete without the name by which each coin is distinguished in Turkey, and this denomination is, as a rule, only to be determined by the weight of the coin.

The early Turkish coinage, indeed, presents little variety of denominations. The *akçeh* (اَكْچَه) or 'Othmánlee, a small

silver coin, averaging eighteen grains in weight, was the only piece issued by Urkhán, son of 'Othmán I., when, acting on the counsel of 'Alá-ed-deen, he inaugurated the Ottoman coinage in 729. The weight was one-third of a dirhem of silver, and the *titre* ninety per cent. of pure metal :* some authorities, however, give the *akcheh* as one-fourth of the dirhem.† The *māngkir* (مانغر), a copper coin, was introduced by the next Sultán, Murád I. :—it was of uncertain value, and ranged apparently at first from eight to sixteen to the *akcheh*, and eventually became of equal value with it.‡ After the conquest of Constantinople, Moḥammad II. for the first time issued (in 883)§ the gold coin called *altoon* (التون), or more generally by numismatists *sequin*. Previously foreign gold coins, especially the Venetian ducat, had sufficed for the Turkish currency, counter-stamped, however, according to M. Belin, with “*şahh*, contróle,” in a square. The *altoon*, or *sultānes altoon*, was known by various other names, according to the predominant foreign commercial influence :—under western influence it was called *flooree* (florin); under Persian, *shdhee*; and after the conquest of Egypt, the name *ashrafee* or *shereefee*, which had been given to the improved coinage of El-Ashraf Barsabay, was transferred to the issues of the Constantinopolitan mint. Thus far, beyond a good deal of deterioration and fluctuation in the weight of the *akcheh*,|| there is little to

* So Col. Aḥmad Jevád Bey, in his *Ta-reekh-i-'askaree-i-'Othmānee*, vol. i.

† *Tāj-et-Teedreekh*, and Von Hammer.

‡ Jevád Bey states that 800 were coined out of the *ukkah* of copper (400 drachms), and that at first two and then three of these went to the *akcheh*.

§ The first Turkish gold coin in the British Museum is not of Moḥammad II., but of his successor Báyezsed II., and bears the date 886 A. H. (1481 A. D.)

|| M. Belin's pages (*Journal Asiatique*, 6th ser., t. iv.) are full of records of a constantly increasing deterioration of the *akcheh*. *E.g.* Seleem I.—3 *akchehs* weighed 1 drachm of silver and 60 went to the *sequin*; Seleem II.—*akchehs* smaller; Moḥammad III.—*akchehs* still smaller and thinner; Aḥmad I., still diminishing; 'Othmán II.—*akcheh* thinner than paper.

remark about the 'Othmánlee coinage. Down to the time of Aḥmad III., the gold coins are all simply *altoons* (qualified according to the fancy of the time with various epithets, as *sháhee*, *ashrafee*, *shereefee*, *tughralee*, *jedeed*, &c.); the silver coins, except certain heavy pieces of Syria and Mesopotamia,* are *aḳchehs* or '*Othmánées*'; and the copper, *máughirs*.

In the twelfth century of the Hijreh a new coinage begins. Two standards of gold are issued side by side, and an entirely new system of silver currency is introduced. The two metals must be discussed separately.

The change in the gold currency consisted in the introduction of a second standard. At first the altoons had weighed about 53 grains, sometimes rather more, and often a few grains less. Under Aḥmad III., however, in 1123, a different gold coin, weighing 40 grains, or about three-fourths of the old altoon, was struck. It has been suggested† that this new coin was originally an altoon of the Egyptian mint and of the old weight, and that it gradually deteriorated until it came down to 40 grains, when it was introduced into Constantinople, doubtless with a view to that financing for which the Turkish mint was famous. There

The silver coinage in the British Museum bears out this statement; beginning at from 17·4 to 19·1 gra. under Urkhán, the *aḳchehs* maintain nearly the same weight until Moḥammad II., when they fall to 14·8, and even 13·0 gra.; under Báyezsed II. they are reduced to 12·8, and under Seleem I. to 10·0; Suleymán I. issued *aḳchehs* at an average weight of 10·0 gra., one falling so low as 7·6; Seleem II. reduced them to 9·5; and under Moḥammad II. and Aḥmad I. the weights fall to 5·0 and 4·0; and under Murád IV. and Ibráheem I., and Moḥammad IV., 7, 5, and 9 gra. are ordinary weights.

* These seem almost anomalous. The silver issues of Suleymán I., e.g. at Ámid, weigh 61·5 gra., Soor 40·5, Damascus 14·7; Seleem II., Aleppo 52, Baghdád 59·8; Murád III., Aleppo 55, Ámid 48·7; Moḥammad III., Aleppo 34, Ámid 33; Aḥmad I., Erzeroom 24, Aleppo 20; Mustafa I., Erzeroom 34; Ibráheem I., Ámid, 17; Damascus, 22; Moḥammad IV., Damascus 19, Aleppo 39, Baghdád 45. The silver issues of the Barbary States are also peculiar in weight; 20, 15, 8, and 46 occurring within the period from Suleymán I. to Moḥammad IV., besides more normal weights.

† By M. Bernard in the *Description de l'Égypte* (2nd ed., t. xvi.).

is, however, no evidence either of this Egyptian origin or of this gradual deterioration. We should expect to find Egyptian pieces of 50, 48, 44 grains, and so forth, gradually approximating to the eventual 40 grains. Such, however, we do not find. The new standard of 40 grains comes suddenly into existence, *first in Constantinople* in 1123, and then in Egypt in 1143, with no previous gradations of weight.

This sudden introduction of a perfectly new standard weight is a matter of no great surprise in the history of Turkish money, and, indeed, taken in connection with the almost contemporaneous change in the silver issues, appears natural. M. Bernard has confused the separate questions of the origin of the *type* and the origin of the *standard*. The type of the new coin is older than its standard. It must be observed that 'Othmánlee coins are distinguished by certain regular and constant formulas, or their entire absence. (A.) The old altoon has on its obverse the formula, *Ḍāriḅ en-naḍr ṣāhib el-'izz wa-en-naṣr fi-l-barr wa-l-baḥr*, "Striker of the glittering (money) and lord of might and victory by land and sea." (B.) A new formula, *Sulṭān el-barreyn wa-Khaḳān el-baḥreyn sulṭān ibn es-sulṭān*, "Sultan of the two lands and khaḳān of the two seas, sulṭān son of the sulṭān," was first substituted for formula A on the Egyptian coinage in 982 (under Murād III.), and retained its place there undisputed until 1143, when coins without any formula shared its monopoly. This second formula, *Sulṭān el-barreyn*, gradually ousted *Ḍāriḅ en-naḍr* from most of the Turkish mints; it was in possession of the coinage of Aleppo in 1002, of Ámid 1013, of Algiers 1032, Tunis 1049, and Constantinople 1058. The difference of formula, however, so far has nothing to do with the weight. A and B alike weigh about 53 grains. (C.) In the reign of Aḥmad III., which began in 1115, the 3rd type of gold coin was introduced: this had no formula, but the Ṭuḡhrá or monogram of the sulṭān on the obv., and

it was of the regular weight of 53 grains.* This new *Tughrá*-coin received the name of *funduk altoones* (فندق التونى). Simultaneously the coins with Formula B were issued with the new standard of 40 grains, and received the name (said to have originated in Egypt) of *zer mahboob*, which they bore to the time of 'Abd-el-Mejeed. Thus we have (1) from 883 to 982 only Formula A, weight 53 grains; (2) from 982 to 1115 (or a little later) Formulas A and B side by side, the latter gradually monopolising almost the whole coinage, both of weight 53 grains; (3) from 1115 to 1260, a new *Tughrá*-impressed coin with no formula, of the old 53 weight, distinguished by the name *funduk altoones*; and the already-known Formula B coin, now reduced to a new standard of 40 grains, and called *zer mahboob*. M. Bernard was quite right in saying that Formula B originated in Egypt; but the name *zer mahboob*, which is identified with Formula B *and the weight of 40 grains*, was probably not given to the coin before the new weight was invented, and that invention took place at Constantinople, not Cairo. The weights 53 and 40 remained almost unchanged down to 1203, when the weight of the mahboob was reduced.

There are half *funduks* of 26 and 27 grains from the time of Aḥmad III. in the National Collection, and a half *zer mahboob* of 20 grains from the same period. An early quarter sequin *zer mahboob* is mentioned by Bernard; but so far as I am aware the quarters are always of the *funduk* standard, of about 13 grains, until the reign of Maḥmūd II., when z.m. quarters are introduced, the subdivisions undergoing variations corresponding to the changes in the units. These variations may be thus tabulated:—

* Jevád Bey says it was of the weight of one dirhem and five grains [of barley], and of 23 standard.

GOLD COINAGE OF MAḤMOOD II.

Year of Reign.	Zer Mahboob.	$\frac{1}{2}$ Z. M.	$\frac{1}{4}$ Z. M.	Double (or Maḥmood- seyeh).	$\frac{1}{4}$ F.
1—9	37 $\frac{1}{2}$ gra.	..	..	..	..
1—18	..	..	..	..	13
9—15	37	..	..	..	..
9—20	..	17	..	70	..
15—26	24	14, 12	} 8—5	..	..
21—26	27	13			
26—32	24	12			

It will be noticed that a double mahboob is inserted in the preceding table. Multiples of the sequin, whether funduklee or mahboob, existed from the beginning of the double coinage. The British Museum has examples of Maḥmood I., weighing 75, 67, and 80 grains, and of 'Othmān III., 77, 81, 82 grains; Muṣṭafā III., 71, 74, 75, 80 grains; 'Abd-El-Ḥameed I., 79 and 80 grains; Seleem III. (when the z.m. had fallen to 37) 65; and Maḥmood II., 70 grains. These are all double mahboobs, and their weight is not very different from that of the old mithkāl, *i.e.*, 7 $\frac{1}{2}$ grains or 4·6332 grammes. (M. Sauvaire estimates the Egyptian mithkāl at 4·6347; but the old Mekkeh mithkāl, preserved by the Muwaḥḥids, at 4·7292.) It is remarkable that the double sequins, though twice the *mahboob* weight, are of the *funduklee* type, with Tughrā on obv. They may, however, equally well be described as 1 $\frac{1}{2}$ funduklee. It is to them, no doubt, that Jevād Bey refers under the name of "Maḥmoodeeyehs," which he states were struck in the reign of Maḥmood I. with the weight of 1 $\frac{1}{2}$ dirhem and the *titre* 23: he adds there were half Maḥmoodeeyehs also; the latter I should call sequins zer mahboob. Besides these, there is a piece of Maḥmood I., weighing 117 grains, which is apparently a triple-sequin z.m.; and another of 244 grains which may be a six-sequin piece. Muṣṭafā III. issued a gold coin of 150 grains, which may be a quadruple sequin. There is also an ornamental piece of Aḥmad III.,

with a rim, and a weight of 440 grains, which was not probably intended to pass current.

The silver coinage is a more complicated matter than the gold. In the latter the statements of the historians are fairly borne out by the actual coins; but in the silver this is not so often the case. In trying to solve some of the difficulties involved in the changes of the silver coinage, I have made use of the excellent *Essais sur l'histoire économique de la Turquie*, contributed by M. Belin to the *Journal Asiatique*,* Bonneville's *Traité*, and Bernard's admirable dissertation on the Turkish coinage of Egypt in the *Description de l'Egypte*.† Dr. E. Dickson, moreover, of the British Embassy, Constantinople, has been so good as to ransack whatever records were to be found at the Turkish capital, and to gather all the information that various learned Turks and Armenians were able to supply on the subject, notably some valuable tables drawn up by M. Hortolan. The results, though most interesting, are disproportionate to Dr. Dickson's great zeal and long-continued researches. It appears, indeed, that the Turks themselves know very little of the history of their own coinage; documents do not seem to exist; and, in fact, coining in Turkey has always been conducted in a haphazard, inaccurate way: a certain number of coins had to be issued at a given time, and only a certain quantity of bullion was in the Treasury for the purpose; accordingly the amount of gold and alloy, and the weight of the coin, were arranged so as to suit the exigencies of the situation. The result is that we cannot expect any consistent or methodical system of moneying.

The main authority upon which to depend is after all the coinage itself. The twelve hundred 'Othmánlee coins in

* Sixth series, t. iii., pp. 416—489; iv., 270—296, 301—390, 477—530; v. 127—167.

† T. xvi. of the second edition.

the British Museum offer a large induction, and upon them my conclusions must be principally founded. When the written authorities and the coins are at variance, there can be no doubt that the coinage is the safer guide. As, however, until the last twenty years the coins themselves bore no indication of their denominations, and the ghuroosh with its subdivisions and multiples, and the intermediate pieces, were distinguishable only by their weight, the coinage may not always be a clear and satisfactory guide. When, for example, we know there were pieces of 5, 10, 15, 20, 30, 40, 60, 80, and 100 paras, and the series is not completely represented in the collection, but only pieces of say 225, 306, and 445 grains, it may be doubtful whether the three are respectively 20, 30, and 40 para pieces, or 30, 40, and 60 para pieces, especially since M. Belin's economic history records sudden and extensive alterations in weights. The coins, therefore, require to be used with caution in an examination of this kind, and great allowance has to be made for the extraordinary carelessness and inaccuracy of the mint officials, whereby phenomenal exceptions to ordinary rules may occur, and also for friction, which has reduced many Turkish coins considerably in weight. Nor must it be forgotten that an edict fixing the weight of a certain coin at so much was not by any means sure to be put literally into practice.

M. Belin distinguishes between the national and the commercial monetary system of Turkey. The former consisted of the altoons, akchehs, and mánghirs, which make the course of the metrologist tolerably smooth down to the end of the eleventh century of the Flight.* The com-

* A ten-akcheh piece is stated by M. Belin to have been introduced by 'Othmán II. in 1028, and to have been called '*Othmánee*, after the Sulfán. This is confirmed by the appearance of a silver coin of 44 grains weight in the national Collection in this very reign. Similar coins of about 40 grains continued to be issued down to the time of the institution of the new coinage.

mercial system, on the other hand, is the silver currency introduced after that date to meet the exigencies of commerce with European nations. A large number of foreign coins have always assisted the Turkish currency. At one time, when the akcheh was the only silver coin issued at Turkish mints, foreign dollars and grossi served the purposes of the higher denominations of a silver currency. But under Suleymán II., in 1099, the Porte began to issue large silver coins in imitation of its neighbours. The Austrian thaler, and Dutch rixdaler (which the Turks called *asadi ghuroosh*), were the chief large silver coins current in the Ottoman empire, and it was in imitation of these that Suleymán II. issued his own large silver pieces in 1099, and gave them the name of *ghuroosh* (غروش), which recalls the grossi, groschen, and groat of the Western States. The Dutch dollar weighed $8\frac{1}{2}$ drahms or dirhems,* and the German 9; but the new Turkish ghuroosh was fixed at 6 drachms,† or less than 300 English grains, at the highest estimate of the dirhem. Without entering deeply into the question of the exchange value of this Turkish ghuroosh, or piastre, as it was called by travellers—not, however, to be confounded

* M. Belin gives the dirhem or "drame" as $\frac{1}{3}$ of the mithkál, which he estimates at 4·618 grammes. The dirhem, at this rate, would be 8·079 grammes, or say 47½ English grains. The Dutch crown would thus weigh 408 grains. There happens to be a Dutch crown counter-struck with Mustafa II.'s inscriptions, only a few years later than Suleymán II., but this weighs 415 grains. M. Belin's "drame" is nearly that of the French Expedition to Egypt, 8·0884. M. H. Sauvairé informs me that Mohammed 'Alee appointed a commission to investigate the question, and the dirhem was then fixed at 8·0898, and this is held to be the weight of the legal dirhem by Mahmood Bey. Tillet, in his *Essai sur la rapport des poids étrangers avec le marc de France* (Académie des sciences, 1767), gives for the dirhem of Constantinople figures corresponding to 8·18899. M. Sauvairé deduces 8·151596 from Edh-Dhahabee's tables. The *Annuaire Ottoman* (1880—1285) gives 8·207. If the weight of the Dutch crown may be depended upon, $\frac{1}{6}$ of it would give 8·163764 for the dirhem. Amid this confusion in the elementary and fundamental matters, it is not easy to arrive at very certain results. M. Sauvairé in his letter adds: "Vraiment, avec cette métrologie musulmane, il y a de quoi perdre la tête!"

† Jevád Bey agrees in this.

with the small modern piastre—it is interesting to notice that the ghuroosh and the akcheh, which was its lowest *divisionnaire*, were constantly altering their relations. At first 50 (Jevád Bey says, originally 40) akchehs went to the ghuroosh, then 40—sometimes even 80, and in 1188, as many as 120 akchehs went to the new Turkish unit. This last figure, however, is perhaps explained by the fact that another small silver coin, the para (پاره), had come into existence about the middle of the eleventh century of the Hijreh (before 1066 = A.D. 1655), and that the para eventually usurped the place of the akcheh. How many paras went to the ghuroosh originally we do not know; but we do know that at first 4 akchehs went to the para, and supposing that about 80 akchehs at that time made up the ghuroosh, the latter must have equalled 20 paras. Then, as para and akcheh deteriorated—as we find they did in almost every page of M. Belin's instructive *Précis historico-économique* (ch. v.)—the para came to be, what it continued to be down to the time of 'Abd-el-Mejeed, the 40th of the ghuroosh, and the akcheh became the 3rd of the para and the 120th of the ghuroosh. Jevád Bey states that about 150 years ago the ghuroosh was officially adopted as a financial standard with the value of 40 paras.

Between the ghuroosh and the para were a series of subdivisions: the *beskhlik* (بشلك), or 5 para piece; *onlik*, 10 para; *onbeskhlik*, 15 para; *yigirmlik* (or more correctly *yigirmilik*), 20 para; *zolota* (زولوتة)* or *otuzlik*, 30 para; the ghuroosh itself being 40 para. Beyond the ghuroosh were the *altmishlik*, or *double zolota*, 60 para; the *ikilik* (ايكلك), or *double ghuroosh*, 80 para; and the *yuzlik* (يوزلك), 100 para;

* Jevád Bey says the zolota was struck in the year 1110 with the weight of 7 drachms and the value of 90 akchehs; standard and weight were gradually lowered until in the reign of Mahmood II. the exchange fell to 35 paras, when the coin was abolished. "Zolota," says Dr. Dickson, "is a Slav word meaning three-fourths of a unit."

but the last three were not so regularly coined, to judge from the collections, as the lower denominations.

How are we to distinguish between these various denominations? Or, since there is only the weight to guide us, what were the weights of these various denominations at various periods?

In order to deal with this question, the first essential is to collect all the data that can be gathered from the sources enumerated above. The following table exhibits the principal weights of 'Othmánlee silver coins.*

* The weight is expressed in English grains, and has often had to be reduced from M. Belin's grammes, and since M. Belin has himself reduced the grammes from the Turkish weights, it is possible some error may have crept in, especially as Turkish weights were not always fixed quantities. I have left out fractions; the Turkish mints were so lax in their adjustments, that a whole grain wrong here and there was of no importance. The names of the Sultáns, from the introduction of the new coinage under Suleymán II., are given on the left margin; the presumed denominations of the coins are inscribed at the top, and the weights appertaining to them are placed in the corresponding column beneath; the initials preceding each weight represent:—A = Belin; B = British Museum Collection; C = Bonneville; D = M. Hortolan; E = M. Bernard, in the *Description de l'Égypte*. The para is made the unit for convenience of numbering. All the coins were struck at Constantinople, except the few marked E.

'Othmānīes Sulṭān.	§	1	5	10	15	20	30	40	60	80	100
	Alṭabeh.	Para.	Beshlik.	Onlik.	Onbeshlik.	Yigirmilik.	Zolota.	Ghuroosh.	Almishlik.	Idilik.	Yuslik.
Suleymān II. A.H. 1098-1108. Ahmad II. 1102-1108. Mustafā II. 1108-1118.	B 2				P B 94	B 148 B 180, 185	B 283	A 285 B 284 B 300 B 310, 306, 292, 288. Imperial dollar counter- struck, 300 ; Dutch dollar counterstruck, 418			
Ahmad III. 1118-1148.	B 2, 4	B 8, 10, 6	B 53, 46	B 100, 99	B 165, 180	B 204, 198	B 282, 289, 300 [A, Old 280* New 280]	B 289, 415 [A, see Zolotas]			
Mahmūd I. 1148-1168. 'Othmān III. 1168-1171. Mustafā III. 1171-1187.	B 2	B 10, 12, 9, 8.	B 49, 40, 86, 43 B 43	B 97, 91 B 73		B 184, 180, 176	B 289	B 271, 268, 265, 263 B 288			
'Abd-el-Hameed I. 1187-1208.	B 2	B 6	B 37	B 70, 69, 66, 64	B 103	B 142, 148 B 121	B 228, 226, 213	B 306, 294, 287, 264, 268 D 268 E ('Alee Bay) 245	B 445 D 440		
Saleem III. 1208-1228.	B 2	B 6	B 27, 25 B 26	B 70, 69, 66, 65 B 52, 47		B 148 C 97' D 96 B 96 C 97	B 284 [D 283] 2	B 258, 253, 274, 273, 247 C 300 A "steak" 180	B 436, 413 C 410 [D 410] 4 B 390	C 470 D 470 [A "steak" 2 380?] B 440 B 600, 490, 484 C 480	
Mustafā IV. 1228-1232.		B 6 (24 para P)	B 23	B 50				B 190, 198 C 208 E (Bucurpartes) 184, 192 B 197	C 410 B 300		

1 This ought probably to be referred to Saleem III.; but it is just possible that the Yigirmilik may have fallen to 97 in the preceding reign.
2 Probably a mistake for "old and new ghuroosh."
3 Surely an Almishlik.

Accepting M. Belin's statement that the first ghuroosh, that of Suleymán II., weighed 6 drachms, or say 300 grains, the British Museum coins correspond very well for the first three reigns: ghuroosh, 294, zolota, 223, under Suleymán II.; ghuroosh, 300, yigirmilik, 146, under Aḥmad II.; and ghuroosh, 300 or 310, yigirmilik, 150 or 155, and perhaps onbeshlik, 94, under Muṣṭafa II. But the first really conclusive series is that of Aḥmad III., of whom the B.M. collection has pieces of 2—4, 10, 52, 100, 150, 204, 300, and 415 grains, which may undoubtedly be labelled aḳcheh (3), para (10), beshlik (50), onlik (100), onbeshlik (150), yigirmilik (200), zolota (300), and ghuroosh (400). Here the difficulty arises: why was the ghuroosh suddenly raised from 300 to 400 grains? Or are the previous coins of 294, 300 and 310 grains zolotas, and not ghuroosh at all? In the face of M. Belin's definite statement as to the weight of the first ghuroosh, and considering the absence of any heavier coin than those of about 300 grains, we may dismiss the latter question. How the coin came suddenly to be raised from 300 to 400 may perhaps be explained by the fact that the British Museum possesses two dollars counter-struck with the inscriptions of Muṣṭafa II., the one an Imperial dollar, weighing 300 grains, the other a Dutch dollar, weighing 415 grains. I believe the explanation of the change in the weight of the ghuroosh is simply that the Dutch dollar was taken as the model, in the place of the Imperial dollar. It was precisely at the same period that the 40 grain zer mah-boob gold piece was first issued side by side with the 53 grain funduklee. It may be observed that the proportion between the mahbúb (40) and the funduklee ($53\frac{1}{3}$) is precisely the same as that between the Imperial (300) and the Dutch (400) dollar, or the zolota (30) and the ghuroosh (40). I believe, therefore, that just when the lower mahbúb standard was added to the gold currency, the lower (Imperial dollar) standard was classed as a zolota, and the higher (Dutch dollar) standard introduced for the ghuroosh. Against this

view, however, which is based upon the coins themselves must be set the statement of M. Belin, based upon histories and official documents, that under Aḥmad III., in 1131, new zolotas were issued at 8 drachms 1 dānik (or 390 grains): the old zolotas being at the same period stated to weigh $\frac{1}{8}$ th of 98 drachms (or 290 grains). It will be noticed that these figures, 290 and 390 grains, correspond pretty accurately with the 293 and 389 of the British Museum specimens; but I am not disposed therefore to allow that these specimens are accordingly an old zolota and a new zolota respectively. If the old zolota weighed nearly 300 grains, the British Museum does not possess a ghuroosh until Aḥmad III.'s time—which, considering the richness of the collection, is improbable; and further, on this theory, M. Belin's other statement that the original ghuroosh weighed 285 grains is incorrect. The simple explanation, I think, is to regard M. Belin's "old and new zolotas" as errors for "old and new ghuroosh," which at once brings this statement into accord with the rest of the data.

Accepting, then, the hypothesis that in the reign of Aḥmad III. the ghuroosh was raised from 300 to 400 grains, just as two gold coins in the same proportion were at the same time issued, it must be seen how the theory works in subsequent reigns. Under Maḥmūd I. we find the following scale:—Aḳcheh 3 grains, para 10, beshlik 49, onlik 97, yigirmilik 186, zolota 289, ghuroosh 371, which are all in very fairly accurate proportion, but all a little reduced, the ghuroosh apparently falling gradually to 362 grains. Under 'Othmān III. the same proportions are preserved, but the weights continue to fall, and under Muṣṭafa III., half a century after the increased standard in silver was introduced, the ghuroosh has returned to its old weight of 300 grains, and even less, and the scale becomes 3, 8, 37, 70, 103, 148, 228, 306, and a very similar scale is maintained during the reign of 'Abd-el-Ḥameed I. A fresh reduction took place under Seleem III. (1203); the para

fell to 5, and the ghuroosh to 200 (or 190), and the beshlik, onlik, and yighirmilik were proportionately reduced to 5, 26, 52, and 95, and this remained true for Mustafa IV.

The silver coinage of Mahmood II. comprises several different standards, and very varying degrees of purity. The coinage may be divided into two series, the first comprising the *beshlik*, or 5 piastre piece, the *yuzlik* (100 paras), or $2\frac{1}{2}$ piastre piece, the *piastre* (40 paras), *yigirmi-paralik* (20 paras), *on-paralik* (10 paras), *besh-paralik* (5 paras), and *para*; whilst the second consists of the *altilik*, or 6 piastre piece, the *utchlik*, or 3 piastre piece, the *altmishlik* (60 paras), or *double solota*, equal to a piastre and a half. It will be noticed that the names of the coins have undergone an alteration, like their relations and weights. The original *beshlik* of 1225 (1810) had a weight of 410 grains, or, as Belin remarks, the same as the weight of the old *ikilik*. The *yuzlik* of the same period was of 190 grains, the *piastre* or ghuroosh 96 grains, and so on. Several different varieties of this or a nearly similar standard were issued, and then in 1245 (1829) a new *beshlik* of about 250 grains, with *yuzlik* at 117 grains, *piastre* at 50 grains, *yigirmi-paralik* at 24 grains, &c. At the same time the *altilik* was coined with the weight of 190 grains, or only four-fifths of the *beshlik*, though it was nominally worth 6 piastres to the latter's 5. The *utchlik* (3 piastres) was issued at 93, or a little less than twice the *piastre*, and the *altmishlik*, or 60 *para* piece, at 41 grains, or less than the *piastre* of 40 paras. The explanation of this apparent inconsistency is found in the fact that while the *altilik* series contained about 80 per cent. of silver, the *beshlik* series contained barely 50 per cent. In the present day, the surviving examples of these coins are exchanged at 5 piastres for the *altilik* and only $2\frac{1}{2}$ piastres for the *beshlik*. These details, and the classification of the new (1829) issue, I owe to Dr. Dickson, who has also supplied missing links in the series contained in the National Collection by pre-

senting examples collected by himself in Constantinople. The following extract from Baron de Testa's *Récueil des Traités de la Porte Ottomane* completes the foregoing account of Mahmood II.'s varying coinage :—

Bechlik de 1810. [A.H. 1225 ; year of reign 8.]

Valeur intrinsèque : en piastres Médjidié, 18 piastres et 8 paras, tandis qu'elle aurait dû être de 26½ piastres.

Poids égal à l'ancien *ikilik* (pièce de 2 piastres).

(*Note.*)—Belin, l. I., n'indique point la valeur émise de ce *bechlik* (dit *djihadié*, monnaie de guerre), et nous n'avons pu nous procurer nous-même, à ce sujet, que des renseignements vagues et n'ayant aucun caractère officiel.

Bechlik de 1829. [A.H. 1245 ; year of reign 23.]

Titre : 0,220 à 0,225 millièmes.

Valeur intrinsèque : 180 para argent, 1 para cuivre ; surélévation, 69.

Valeur émise : 74,750,000 piastres.

Bechlik de 1832. [A.H. 1248 ; year of reign 26.]

itre : 0,170 à 0,175 millièmes.

Valeur intrinsèque : 101 para argent ; 2 para cuivre ; surélévation, 97.

Valeur émise : 123,725,000 piastres.

Altılık de 1833—1839. [A.H. 1249—54 ; year of reign 27—32.]

Titre : 0,435 à 0,440 millièmes.

Valeur intrinsèque : 205½ para argent ; 1 para cuivre ; surélévation, 33½.

Valeur émise ; 117,970,160 piastres.

From the time of Mustafa III. (1171—87) those large silver pieces, multiples of the *zolota* and *ghuroosh*, which always nominally existed in the reformed Turkish coinage, but I suspect were seldom coined in any large numbers, begin to appear in the British Museum cabinet. The most ordinary examples are the *altmishlik*, or double *zolota*, of 60 paras, equal to a *ghuroosh* and a half ; and the *ikilik* or double *ghuroosh*. The weights of these, according to the authorities, and also according to the coins which I believe to correspond to these denominations, are given in the table, and offer little difficulty. The *yuzlik*, or 100-para piece, only occurs, in the British Museum, in the coinage of Seleem III., and I am inclined to believe that

the weight given by Bonneville for the same piece under 'Abd-el-Hameed I. is a mistake.

Under 'Abd-El-Mejeed, on the 11th Moharram 1260 (Febr. 1844), an entirely new coinage, called the Mejee-deeyeh currency, imitated from European models, was issued. It consisted of the following pieces :—

5 GOLD.

	Value in Piastres.	Names. <i>Lira.</i>	Weight.		Diameter. Inch.	Title.
			Grammes.	Grains.		
1.	500	5 *	36.082	558½	1.4	<u>916.6</u> 1000
2.	250	2½	18.041	278½	1.0	..
3.	100	1 †	7.216	111½	.85	..
4.	50	½	3.608	55½	7	..
5.	25	¼	1.804	27½	6	..

6 SILVER.

	Value in Piastres.	Names.	Weight.		Diameter. Inch.	Title.
			Grammes.	Grains.		
1.	20	Silver Mejee-deeyeh	24.055	375 ?	1.5	<u>880</u> 1000
2.	10	Onlik (or Yarem Mejee-deeyeh)	12.027	185	1.0	..
3.	5	Cheirek	6.018	98	.95	..
4.	2	Ikilik	2.405	38	.75	..
5.	1	Ghuroosh	1.202	19	.6	..
6.	½ (20 para)	Yigirmi-paralik	0.601	9½	.5	..

5 COPPER.

Of 40, 20, 10, 5, and 1 para, called respectively the Ghuroosh-paralik, Yigirmi-paralik, On-paralik, Besh-paralik, and para.

The *tolerance* in gold was $\frac{2}{1000}$ above and below. The intrinsic value of the 100 piastre piece, or lira, was 6.614 pure gold, and 0.602 copper; and the value of the first issue was 1,202,397,600 piastres.

* Or Dubloon.

† Or Turkish pound.

The *tolerance* in silver was $\frac{3}{1000}$ above and below. The intrinsic value of the 20 piastre piece, or Mejeedeeyeh (Medjidieh) was 19·945 silver and 4·110 copper: value of issue, 414,371,775 piastres.

The 40 and 20 para copper coins contained 95 per cent. of copper, 3 of tin, 2 of zinc and lead. The 20 para piece weighed 16·36 grammes (253 grs.), but has fallen to 10·693 (165 grs.): value of issue, 17,253,000 piastres.*

'Abd-El-'Azeez followed his brother's example, and issued his coinage in accordance with the figures above quoted. Murád V. coined only the pound or lira, and 'Abd-El-Hameed II. has so far issued only gold and silver.

The silver, copper, and bronze, piastres had originally the same value; but the Turkish Government has reduced all the silver coinage of Mahmood II.'s reign to half its current value, and declared the silver Mejeedeeyeh to be worth only 19 (instead of 20) ghuroosh.

The relative values of the different Turkish coins have, however, always been in a fluctuating state. A history of these changes would be out of place here, but the following notes from Jevád Bey's chapter on the currency in the first volume of his excellent *Ta-reekh-i-'askaree-i-'Othmanee*,† which are also mainly stated by M. Belin, may be found useful:—

Seleem I.—Seleem II. Kará-ghuroosh = 40 akchehs; Sultánée = 50 akchehs; Hungarian gold pieces = 60 akchehs, or 2 florins, 15 kreutzers. Akcheh = rather more than 2 kreutzers.

Murád III. 800 and 1000 a (instead of 400) made

* These statistics I owe to the kindness of Dr. E. Dickson and the obliging exertions of M. Hortolan, who extracted some of the materials from the *Récueil des Traité de la porte Ottomane avec les puissances étrangères*, by Baron J. de Testa.

† Mr. Gibb has kindly analyzed the chapter for me. There is a French translation by Georges Macrides.

from drachms of silver. Ghuroosh rose to 50 *a* and altoon to 120 *a*.

Mohammad III. In 1006, the drachm of silver (which was = 5 *a* under Suleymán I. and = 12 *a* under Murád III.) was decreed to = 8 *a*: but without effect; the ghuroosh rose to 80 *a*. Then officers and functionaries were forbidden to use silver trappings and gold lace: but the rate still fell; the altoon rose to 160 *a*, and the ghuroosh to 110 *a*. The merchants were obliged to take silver by weight only. In 1009 a new issue of *aḳchehs* brought the altoon down to 120 and the ghuroosh to 80.

Ibráheem I. Altoon = 250 *a*; ghuroosh = 125 *a*: reduced to 160 and 80, by the Grand Vezier Kemán-Kesh Kará Muṣṭafá Pasha.

Mohammad IV. Base ghurooshes struck in Bosnia, Albania, and Belgrade, to pay the troops, = 118 *a*. In 1065, says Na'eemá, there was not an *aḳcheh* in the treasury to pay the army; the ghuroosh (Austrian) was at 80 *a*, the *asadee* (Dutch) ghuroosh at 70. The money-changers would only accept *aḳchehs* at their intrinsic value by weight; and good money had to be given by the Government for the clipped *aḳchehs* which had suffered from Jewish shears, and were known as "Gipsy-Aḳchehs" (Chingáne Aḳchasi), or "Tavern-Aḳchehs;" and with this base coin the army was paid, with the well-known result of the "Riot of the Aghas."

Suleymán II. In great stress for warlike expenses, it was decided to coin 800 *mánghirs* out of an oke of copper, and call two *mánghirs* equal to one *aḳcheh*, and soon the *mánghir* was declared to be equal to the *aḳcheh*. *Mánghirs* were struck throughout Bosnia and Albania; so that copper pieces became very common, and gold and silver coins very rare. In 1102 the ghuroosh was reckoned at 120 *aḳchehs*, and went for 160; the altoon at 270 for 360; the para = 4 *aḳcheh*, and the *aḳcheh* = the *mánghir*. The Constantinople altoons were exported, and the "light and debased"

Egyptian, Tunisian, and Algerine pieces supplied their place. (As a matter of fact, the Egyptian and Barbary pieces were neither light nor debased.)

Mustafa II. *Ṭughrálee* altoon introduced (= 300 *aḵchehs*)* to restore the coinage, and old altoons bought up at 100 new altoons per 110 drachms of gold. Mints were at the same time established at Smyrna and Adrianople for the issue of the new coin. *Ṭughrálee zolotas* were also struck (and the old bought up) at Constantinople, Smyrna, Adrianople, and Erzeroom.

Aḥmad III. Tariff promulgated in 1138:—The new altoon = 400 *aḵchehs*; *Miṣr Zinjirleesee* (cordonné) = 330; the *Miṣr Ṭughráleesee* = 315; the new (*Ṭughrá*) *ghuroosh* = 120; *yigirmilik* = 60; *onlik* = 30; while 100 of the *new aḵchehs* were to go to the new *ghuroosh*. Foreign coins were to be valued:—*Yildiz altoon* (Venetian ducat) = 378 *aḵchehs*; *Austrian* (Hungarian) altoon = 360; the '*ateek asadee ghuroosh* (old *rix-daler*) of $8\frac{1}{2}$ drachms = 144; the *Soliya riyal* = 186; the *Ḳará-ghuroosh* of 9 drachms = 181; the old *zolota* = 88; etc. In the countries taken from Persia the money was to be struck with the *Sultán's* name in *Ṭughrá* and called *Sultánee*, with the weight of the coins of the '*Abbásees*; and the piece weighing 7 *dániks* should have the value of 16 *paras*, its half that of 8, and its quarter that of 4; and a new *zingirleesee* altoon (like the Constantinople one) should be struck of 24 carat pure gold, weight of $\frac{1}{100}$ drachm, and rate of 400 *aḵchehs*.

Mahmood I. Base *ghurooshes* abolished and old *paras* withdrawn: new *aḵchehs* and *ghurooshes* "of exact standard" issued. Also, the *zer mahboob* with *Ṭughrá* was fixed at 110 *paras*, or 330 *aḵchehs*, the *Miṣr zingirleesee* at 110 *paras*, the *Miṣr Ṭughráleesee* at 105 *paras*, and the *ghuroosh* at 40 *paras*.

* The change does not appear on the coins until the succeeding reign.

Muṣṭafa III., 1185. Rate of zer mahboob raised to 120 paras, and the funduk altoon to 160 (from 150).

Abd-El-Ḥameed I. added alloy to his coins, to meet the expenses of the war with Austria and Russia; coining ikiliks (2 ghuroosh), 3 of which = 150 ghurooshes of to day. Before this, the Yildiz altoon had been at 5 ghuroosh 10 paras; the Hungarian and funduk altoons at 5 ghuroosh; zer mahboobs and Islámbóls at 3 ghuroosh 20 paras; and the riyál at 2 ghuroosh. The yildiz altoon acquired the value of 5 ikiliks on the issue of the new coins; and the others rose in proportion.

Seleem III. War continued, and base coins issued as before, including yuzliks.

Maḥmood II. Effort made to reform the coinage: a decree fixed the yildiz altoon at 10 ghuroosh; the Hungarian at 9 gh. 20 p.; the Funduk at 9 gh., quarter Funduk at 2½ gh.; the Constantinople zer mahboob at 6½ gh., half z. m. 3 gh. 10 p.; Egyptian z. m. at 5½ gh., half z. m. at 2 gh. 30 p.; and a decree in 1249 fixed the funduk altoonee, weighing a dirhem, at 23 ghuroosh. The following table summarizes some of the varieties in the akcheh.

A.H.		
900—935	Yildiz altoon	= 60 akchehs.
1003	...	= 120
1006	...	= 160
1050	...	= 350
1101	...	= 400

A few words are necessary on the provincial coinage.

In a footnote on p. xviii it has been shown that the mints of Syria and Mesopotamia issued coins of a heavier weight than the mints of Europe, during the period when the akcheh was the only silver coin struck at Constantinople. After the introduction of the New Coinage, these Asiatic mints continued to strike coins of a peculiar style and weight, many resembling those issued before the reform.

E.g. Suleymán II., Baghdád 43·5 grains; Ahmad III., Tiftees, 82, Eriván 85, Kenjeh 82, Tebreez 79, 36, 82; Mahmood I., Kenjeh, 42, Tiftees 84; 'Abd-El-Hameed I., Baghdád, 68, 33; etc. These are clearly of two classes, the one weighing from 68 to 85 grains, the other about half of this, or 33 to 43. I have termed these onliks and beshliks in the Catalogue, since they correspond fairly closely to the weights of these denominations in the Constantinople currency; but I have little doubt that the 40 grain piece was a survival of the old Seljookee dirhem, which weighed about 45 grains; and the 80 grain piece was a double dirhem. The people of Asia Minor apparently did not take kindly to the new system of the 'Othmánlees, but preferred to retain the old Mohammedan currency. Jevád Beg, it should be observed, mentions the dirhem of Ámid as something peculiar. The coinage of the Barbary States is also noteworthy: we find such weights as Tripoli 22 grs.; Tunis 88, 90, 77, 92, 18, 16, 15; etc.; which point to a different principle of coining from the Constantinopolitan: and the gold coinage is also somewhat anomalous in weight (*e.g.* Tunis 24, 20, 16; Algiers 27, 26, 13), but was probably only a corrupt and debased form of the ordinary currency, with which it often tallies accurately.

The coinage of the 'Othmánlee Sultáns is so uniform and unvarying in its inscriptions that very few coins call for special remark. Among these few, however, must certainly be included the curious Muwahhid-like piece (no. 256) struck at Tilimsán in 988 (?) with the unique inscription صاحب العادل (?) المستقيم السلطان مراد ابن السلطان سليم مالك البرين والبحرين والشام والعراقين خلد الله ملكه, and the obscure sequin (no. 365) struck at (perhaps) Fez (miswritten فس?) in 1056. Both these cities were outside the limits of the Turkish empire; but they could claim the Sultán's protection by inscribing his name on the coinage. No. 306, struck at Constantine in Algiers,

bears also a curious look, and does not resemble the ordinary Turkish issues; but it may have been struck in haste and confusion, for its date 1253 A.H. (1837) indicates the last few months of Turkish rule in Algiers. Constantine was taken by the French in 1837; it was defended by Aḥmad Bey on behalf of the Porte, and was the last place held by Turkey in Algiers. The small Hijáz gold coins struck by Suleymán I. also deserve notice, both for their trifling weight and the unusual character of their inscriptions (nos. 209—214).

Of coins of provincial governors (omitting the uncertain specimens of 102 *a*, and 110), the only examples bearing names are those of the famous rebel 'Allee Bey of Egypt (pp. 204, 205); some copper pieces of Sa'eed Páshá of Baghdád (286), who, however, was not a rebel; and the issues of the last Bey of Tunis, Moḥammad, as vassal of the Porte (pp. 330 ff.). None of these offer any very special points of interest; though 'Allee Bey's silver coins are the first examples of the ghuroosh and yigirmilik in Egypt.

The coinage of Constantinople and other mints offers during the twelfth century of the Flight a variety of initial letters, placed generally over the word ابن in Formula B, on obv., or above ضرب or beside the date on the rev., which may be assumed to represent some official's name. The following table includes all these letters as observed in the National Collection. They do not begin until some few years after the New Coinage was established.

SULTÁN.	MINT.	DATE. A.H.	LETTERS.
Aḥmad III.	Constantinople	1115	ص, س, دا, ر, د, ح, ب ه, عد, ی, ه, ق, ص
...	Islámból		مد, (?), ص, ق, ر, د
...	"	1123	ع
...	Tifleez	1115	ح
...	Kenjeh	"	م

SULTÁN.	MINT.	DATE. A.H.	LETTERS.
Aḥmad III.	Tebreez	1115	ى
...	Egypt	"	ص
Maḥmood I.	Constantinople	1143	ق, عب, عا, ع, ص, را
...	Islámból	"	م, م, عب, ع, ع, ص
...	Egypt	"	را, عب, (with را) د, ح (يا) ع, س, ص ن (P), م, عمد
'Othmán III.	Constantinople	1168	ص, با, ح
...	Islámból	"	با
...	Egypt	"	ص, ص (with ع)

In the reign of the succeeding Sultán Muṣṭafá III. (1171) the letters disappear, and their places are thenceforward filled by cyphers indicating the year of the Sultán's reign; and the only coins with letters of this kind after 'Othmán III. are those of 'Alee Bey of Egypt, which carry ع; and some Egyptian coins of Seleem III.'s time, which bear اس, standing doubtless for Ismá'eel Bey, who was left as governor of Egypt by Ḥasan, the Capitan-Páshá, after the expedition against Ibráheem and Murád Beys, and who died of the great plague in Cairo in 1205 (1791). In a similar manner, M. Bernard tells us that Napoléon Bonaparte marked the coins he struck while in possession of Egypt with the letter ب; but I have not met with numismatic proof of this. The instances of 'Alee and Ismá'eel Beys would seem to show that these letters on Turkish coins from Aḥmad III. to 'Othmán III. represent the names of governors, grandvezers, or mintmasters. The fact that so many different letters occur on coins of the same date does not militate against this theory, for that date is merely the year of accession of the Sultán, the only chronological attribution supplied on the majority of 'Othmánlee coins from Bayazeed II. to 'Othmán III., until (as has been mentioned), the year of the reign was added in the time of Muṣṭafá III. The coins, *e.g.* of Aḥmad III., bear

the year of accession 1115, but may have been struck any time between then and the end of his reign, in 1143. The initials on the coins, however, do not coincide with the names of any of the high officials given in Von Hammer's lists, and unfortunately the list of the officials termed "*Sarabchane Emini*, der Intendent der kaiserlichen Münze, auch *Sidschije Emini* genannt"* cannot be obtained. There is little doubt, I think, that if we possessed the list of these mint-superintendants we should find the explanation of the initials on the coins.

The Medals which conclude the volume are chiefly decorations for well-known campaigns; but the pieces struck to commemorate the New Coinage, the Restoration of St. Sophia, and the revised monetary standard are rare and curious.

In conclusion, I am glad to take this opportunity of thanking Dr. E. Dickson, of the British Embassy, Constantinople, for the great trouble he has so kindly taken in clearing up difficulties involved in the present work. To Mr. E. J. W. Gibb, of Lochwood, Lanarkshire, I am deeply indebted for a variety of important information derived from original Turkish authorities, as also for the table of the growth of the Ottoman Empire. M. H. Sauvaire, M. Tiesenhausen, Dr. J. G. Stickel, Mr. Redhouse, Mr. Grueber, Mr. Keary, Subhi Pasha, Ahmad Vefik Pasha, Rogers Bey, and M. Hortolan have also given me their valuable assistance on various matters connected with this work.

STANLEY LANE-POOLE.

May 15, 1883.

* Von Hammer: *Gesch. des osm. Reiches*, ix. 33.

GENEALOGICAL TREE OF THE 'OTHMÁNLEE SULTÁNS.

Centuries
A.D.
1300.

1. 'Othmán I., A.H. 699

2. Urkhán, 726

3. Murád I., 761

4. Báyezeed I., 792

1400. Prince Suleymán, 806. 5. Moḥammad I., 805 Prince Moosá, 813.

6. Murád II., 824

7. Moḥammad II., 855

1500. 8. Báyezeed II., 886

9. Seleem I., 918

10. Suleymán I., 926

11. Seleem II., 974

12. Murád III., 982

13. Moḥammad III., 1003

1600. 14. Aḥmad I., 1012 15. Muṣṭafá I., 1026. (2) 1031.

16. 'Othmán II., 1027. 17. Murád IV., 1032. 18. Ibráheem 1049

19. Moḥammad IV., 1058 20. Suleymán II., 1099. 21. Aḥmad II. 1102.

1700. 22. Muṣṭafá II., 1106 23. Aḥmad III., 1115

24. Maḥmood I., 1143. 25. 'Othmán III., 1168.

26. Muṣṭafá III., 1171 27. 'Abd-El-Hameed I., 1187

1800. 28. Seleem III., 1203. 29. Muṣṭafá IV., 1222. 30. Maḥmood II., 1223

31. 'Abd-El-Mejeed, 1255. 32. 'Abd-El-'Azeez, 1277

1883. 33. Murád V., 1293. 34. 'Abd-El-Hameed II. (regnant), 1293.

FORMULAS OF FREQUENT OCCURRENCE
IN THE 'OTHMÁNLEE COINAGE.

Formula A.

ضارب النضر صاحب العز والنصر فى البر والبحر

“Striker of the glittering (coin), Lord of Might and Victory
by land and sea.”

Formula B.

سلطان البرين وخاقان البحرين السلطان بن السلطان

“Sultán of the Two Continents [Europe and Asia Minor],
Khakán of the Two Seas [Ægean and Euxine]; Sultán, son of
the Sultán.”

TABLE
OF THE
METHOD OF TRANSLITERATION ADOPTED IN
THIS CATALOGUE.

ا	<i>a, e</i>	ظ	<i>dh</i>
ب	<i>b</i>	ع	<i>' a</i>
پ	<i>p</i>	غ	<i>gh</i>
ت	<i>t</i>	ف	<i>f</i>
ث	<i>th</i>	ق	<i>k</i>
ج	<i>j</i>	ك	<i>k</i>
چ	<i>ch</i>	گ	<i>g</i>
ح	<i>h</i>	ل	<i>l</i>
خ	<i>kh</i>	م	<i>m</i>
د	<i>d</i>	ن	<i>n</i>
ذ	<i>dh</i>	ه	<i>h</i>
ر	<i>r</i>	و	<i>w, v</i>
ز	<i>z</i>	ی	<i>y</i>
س	<i>s</i>	ـِ	<i>a, e</i>
ش	<i>sh</i>	ـِ	<i>i</i>
ص	<i>s</i>	ی	<i>ee</i>
ض	<i>d</i>	ـِ	<i>u,</i>
ط	<i>t</i>	و	<i>oo</i>
		ـِ	<i>ay, ey</i>
		و	<i>am, o</i>

*** It may be useful to give the ordinary European spelling of some of the names of the Sultāns of Turkey: *e. g.* Bajazet = Bāyezēd, Amurath = Murād, Selim = Seleem, Soliman = Suleymān, Mehemet = Moḥammad, Osman = 'Othmān, Achmet = Aḥmad, 'Abdul Medjid = 'Abd-el-Mejeed.

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 Silver: 944, 949 On-paralik, 948, 959 Yigirimi-paralik, 956 new
 piastre).

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 (Cairo): Gold : no. 1106, Lira of 100 Piastres, 1109, 5 Piastres.
Tunis: Gold: no. 1135, 40 Piastres.

'Abd-El-'Azeez, 1277—1293. Gold: no. 1154 Half-Lira of
 50 Piastres. Silver: 1158, 5 Piastres:

Murád V., 1293. Silver: 1195, Piastre.

'Abd-El-Hameed II., regnant. Gold : 1199, Quarter-Lira of
 25 Piastres.

PLATE XI.

Turkish War Medals.

	A.D.
III. Egyptian Expedition	1801
V. Syrian Campaign	1832
VIII. Russian Troops	1833
IXA. Siege of Acre	1840
XI. Kurdistán Campaign	1847
XIII. General Service	1854
XIV. Crimean War	1855

PLATE XII.

Turkish War Medals and Miscellaneous Medals.

XV. Defence of Kars	1855
XVI. Montenegrin Campaign	1862
XVII. New Coinage	1754
XVIII. Reformed Monetary Standard	1839
XIX. Restoration of St. Sophia	1849

ERRATA.

Introduction, p. xxiii., *for* "Murad V. coined only the pound or lira," *read* "Murád V. coined the pound or lira, and silver pieces."

P. xl. *add*, To Mr. Reade, Her Majesty's Agent and Consul General at Tunis, and to Mr. H. J. Johnson, I am indebted for much information concerning the currency of the Beys during the present century.

PAGE.	NO.	
36	64	<i>add</i> Pl. I.
36	65	" Pl. I.
122	330	<i>for</i> Wt. '7 <i>read</i> Wt. 7.
123	334	" Wt. '46 " Wt. 46.
124	335	" Wt. '5 " Wt. 5.
128	348	" Wt. '16 " Wt. 16.
128	349	" Wt. '22 " Wt. 22.
129	353	<i>add</i> R.
178	541	<i>dele</i> Pl. VIII.
225	737	" of reign.
309	1045	<i>for</i> Æ <i>read</i> R.
317	1070	" Wt. '9 " Wt. 9.

KARA-KUYUNLI,

OR

TURKUMANS of the BLACK SHEEP.

	A.H.	A.D.
I. Kara Moḥammad	c. 780	1378
II. Kará-Yoosuf.	c. 790	1388
Deposed by Timur	802	1400
Restored	810	1407
III. Iskendar	828	1420
IV. Jehán Sháh	841	1437
V. Ḥasan 'Alee	872	1467
	to 874	1469

II.—KARÁ YOOSUF.

SILVER.

1

Baghdád, year [81]4

Obv.

[ابوبكر]

الله

[لا اله الا]

[محمد] رسول الله . [ج]

محمد

Rev. Area, within square,

الهوا الاعظم

ضرب

جمال الدين يوسف

بغداد

[خ] لد الله ملكه

Margin, in segments between square and outer circle,

..... | | اربع |

Pl. I. R. 6, Wt. 33.0

2

Similar:

only مائة legible in rev. margin.

R. 5

8

Similar: mint obliterated.

Only سنة legible in rev. margin.

B. 55

III.—ISKENDAR.

SILVER.

4

Mint obscure, no year.

Obv. الله محمد رسول الله arranged round arabesque,
 outside, ابو بكر عمر على

Rev. within hexagon, السلطان العادل

ابو النصر اسكندر

جلد السله ملكه

ضرب قمرى

PL. I B. 105, Wt. 0.60

5

Similar:

mint obscure.

(Pierced.)

B. 115

6

Deyr (?), no year.

Obv.

عمر
لا اله الا
ضرب
محمد
دبر
رسول الله
...

Rev.

Similar to (4): but no mint.

B. 95, W. 75.2

IV.—JEHÂN SHÂH.

SILVER.

7

Tebreez, year 868.

Obv., within square,

ضرب
تبریز

Around, within outer square, in square Koofee,

لا اله الا الله محمد رسول الله

Outside which, ... | | ... | ابو بكر

Rev., within wavy border,

سلطان
[۱] لغازی جهان شاه ...
ملکه و سلطان

۸۶۳

B. 95, W. 75.2

8

Káshán, year 86x.

Obv., within square,

ن
شا
كا

Around, inscr. similar to (7).

Outside, الفاروق | عثمان [ن] ذى |

Rev.

...

سلطان الغازى
[۱] لمظفر جهان شاه
خلد ملکه و سلطانه
۸۶x

Pl. I. B. 7

9

Baghdád, year obliterated.

Obv., within square,

ضرب
بغداد
اد

Around, as on (7), blundered.

Outside, Khaleefehs' names obliterated.

Rev.

السلطان [ان]
العاذل جهان [شاه]
خلد الله
ملکه و سلطانه

Pl. 65

Láhiján, year obliterated.

Obv. Area, within square,

لا اله الا لله (sic)

محمد ل الله

رسو

Margin, in segments between square and outer circle,

ابو بكر | عمر | عثمان | علي

Rev.

السلطان الاعظم

جهان شاه بهادر

جلد الله ملكه وسلطانه

In centre, within scroll, لاهجان



REBELLION OF
PIR BUDĀK KHĀN
AND
SHĀH YOOSUF NOYĀN.

A.H. 866—871=A.D. 1462—1467.

SILVER.

LARGE TYPE.

11

Bārān (۴), year obliterated.

Obv.

منه ۵۱۱
لا اله الا
ضرب
الله محمد
بارك
رسول الله

Rev., within hexagon,

السلطان العالم
[په] بهوداق خان
شاه يوسف نويان

(Pierced.)

Pl. I. 22 1'15, Wt. 56.9

12

Same.

(Pierced.)

22 96

13

Mint and date obliterated.

Obv., within looped square, الله

لا اله الا

محمد

رسول الله

In loops, ابو بكر | عمر | عثمان | علي

Rev.

.....

بوطاق خان

امير يوسف

بهادر نويان ...

خلد ملکه ضر.

.....

(Ringed.)

Æ 1'0, Wt. 90'5

SMALL TYPE.

(A.)

14

Hamadhán (?), year 867.

Obv., similar to (13), but without Khaleefehs' names.

Rev.

سلطان پير

بوطاق خان

امير شاه يوسف

نويان ايد (?)

(sic.) ضرب حمذان

٨٦٧

PL. I. Æ 75, Wt. 19'4

15

Similar: mint obliterated.

Æ 75

16

Shamākhī (?), year 866 (?).

Similar:

Counter-stamped, (reversed?) ^{شاهی} on obv.
APF

MS 7

17

Similar:

but ^{اید} instead of ^{شاه}, and ^{ملکه}

MS 75, Wt. 18.7

18, 19

Similar to (17), but mint (18) obscure and (19) obliterated.

MS 75

MS 7

(B.)

20, 21

No mint or date.

Similar to (14).

Rev. within border,

طا (sic) پیر
خان شاه
بوطاق
امیر یوسف

MS 65, Wt. 8.2

MS 65

22, 23

Similar:

partly obliterated and barbarous.

MS 65

MS 65

(C_i)

24

Jezeereh, year obliterated.

Obv. Similar to (18), but without looped square ;
 traces of Khaleefehs' names.

Rev. Area, within square,

السلطان الاعظم

ضرب

بوداق جان امير يوسف

جزيرة

نويان حلد ملكه

Margin, between square and outer circle, obliterated.

PL. L. B. 5, Wt. 37.4

25

Similar ;

omitting امير.

B. 5

V. — HASAN 'ALEE.

SILVER.

26

Mint obscure, year obliterated.

Similar to (1) :

but last lines of rev. area,

جلال الدين حسن

كعب

.....

.....

Margin obliterated.

(PL. I.) B. 5, Wt. 28.6

AK-KUYUNLI,

OR

TURKUMANS of the WHITE SHEEP.

	A.H.	A.D.
I. Kara Yooluk 'Othman	780	1878
II. Hamzeh	809	1406
III. Jehängeer	848	1444
IV. Uzun Hasan	871	1466
V. Khaleel	883	1478
VI. Yaakoob	884	1479
VII. Baysunkur*	896	1490
VIII. Rustem	897	1491
IX. Ahmad	902	1498
X. Murád	903	1497
XI. Elwend	905	1499
XII. Moḥammad	906	1500
Murád (restored)	907	1501
Conquest by Sháh Ismá'eel,	908	1502

* Mesceh and 'Alee disputed the throne with Baysunkur in 896. According to the Sharaf-Námeh (tr. Charmoy) Baysunkur died in 898, and Elwend in 904.

IV.—UZUN HASAN.

SILVER.

27

Tebreez, year obliterated.

Obv., within square, ضرب
بلدة
تبريز

Around, in Koofee, لا اله الا الله محمد رسول الله

Rev.

عظيم
السلطان الا
[1] بو نصر امير حسن

VI.—YAAKOOB.

SILVER.

28

Mint obliterated, year 891.

Obv. Area, within square,

نمن يعمل
مثقال در
ة خيرا يره

(Kur. xcix. 7.)

Margin, in segments between square and outer circle,

اله ... | | | سنة في

Rev. Area, within quatrefoil,

السلطان
العاذل امير يعقوب خان
ضرب

.....

Margin, traces of Khaleefehs' names.

Pl. I. B. 3, Wt. 78.8

29

Similar :

Obv. margin, legible, [لا اله الا] | الله محمد |

رسول الله | سنة

B. 7

80

Similar:

Year 8~~xx~~^{xxx} (سنة في)

ضرب in place of [سلطان]

B. 7

[See no. 83.]

81

Sheerā, year 896.

Coin of Aḡmad, of House of Timur.

Counter-struck with عدل

سلطان

يعقوب

شیراز

۸۹۶

Pl. I. B. 88, Wt. 78.5

VIII.—RUSTEM.

SILVER.

82

Kumm, year 899.

Coin of Yaḡkoot.

Counter-struck on rev., within oval,

عدل

سلطان

رستم خان

ضرب قمر

۸۹۹

Margin illegible.

B. 75, Wt. 77.9

83

Merâghah, year 889.

Coin of Yaşkoob, similar to (28),
but struck at Arzenjân (ضرب ارزجان), and date obliterated.

Counter-struck on obv., in lozenge, with

عد
رستم
۸۹۹
ضرب سنة
سلطان
مراغه

Pl. I. B. 75

84

Mint obscure, year 9[01 or 2].

Coin of Yaşkoob, similar to (28),

Counter-struck on obv., in octagonal form, with

عدل ضرب
رستم
ناری
سلطان
۹۰۰

Pl. I. B. 7

85

Coin of Kâsim (?), nearly illegible.

Obv. as (28).

Rev.

ن
س... ظم
ف... عدل
ملکه (?)

Counter-struck, in circle, on rev., with

عدل
رستم
ضرب
سلطان
...

36

Wán, no date.

Obv., within quatrefoil,

عدل

وستمر

ضرب

سلطان

وان

Rev.

Plain.

Pl. I. B. '68, Wt. 70.2

X.—MURÁD.

SILVER.

87

Mint and date obliterated.

Obv. Area, within square,

فمن يعمل

مشقال ذرة

خير (sic) يره

Margin, between square and outer circle,

..... | | | اللهم

Rev.

السلطان العادل

..... لمظفر مراد شيخ بهادر[و]

.....

Pl. I. B. '65, Wt. 88.2

KÁSİM.*

SILVER.

38

Mint and date obliterated.

Obv. Area, within quatrefoil,

الله
 الاله (sic) الا
 محمد رسول
 الله

Margin, obliterated.

Rev.

... سلط[ان]
 [ال]اعظم الاكبر مير
 قاسم خان
 المظفر تعالى ملكه
 [خلد]اله
 [سنه]

...

B 7

39

Mint and date obliterated.

Obv. Area, within square, the same formula as (37), but
 arranged geometrically, and written in square Koofee.

Margin ... | | عمر | ابو بكر

Rev.

السلطان
 ... المظفر الاعظم
 ...
 ...
 خلد اله ملكه

In centre, with border, قاسم

(Pierced.)

Pl. I. B 8, Wt. 743

* A certain Kásim, uncle of Elwend, was ruling in Diyárbekr about the year 900. Von Hammer mentions his dethronement by Elwend in 910, probably a mistake for 906. No. 35 seems to show he struck coins before the death of Rustem in 902.

40.

Obv.

Similar to (38).

Rev.

In centre, within eight-foil, قاسم

Around, السلطان الاعظم ابو . . . بظفر جليل [الله] ملكه

B 5

41

Similar to (39) :

but قاسم inclosed in square.

B 75, Wt. 72.3

COPPER.

42

Obv., within square, قاسم

Around, illegible inscription.

Rev. illegible (Figure of animal).

B 76

A M E E R S
OF
A S I A M I N O R .

'AMEERS of KARAMÁN.

		A.H.	A.D.
I.	Ḳaramán	c. 620	1223
II.	Moḥammad I. ibn Ḳaraman	c. 643	1245
III.	Bedr-ed-deen Maḥmood	678	1279
IV.	Yakhshi	719	1319
V.	'Alá-ed-deen	c. 750?	1349
	Conquered by Báyezid I.	794	1392

Dynasty restored by Timur.

VI.	Moḥammad II.	805	1402
VII.	Ibráheem	829	1426
VIII.	Pir Aḥmad, Ḳásim, and Ishák	869	1464
	Final annexation.	877	1472

V.—'ALÁ-ED-DEEN.

SILVER.

43

Ākshahr (?), year 756.

Obv., within six-foil,

ابوبكر

لا اله الا

محمد

رسول الله

عثمان

Rev., within oval,

السلطان الاعدل (?)

علا الدنيا والدين

خلد الله ملكه

Above,

ضرب اقشهر (?) سنة

Beneath,

سنة وخمسين وسبعماية

Pl. II. B. '85

44

Arzenján, year 762.

Obv., as (43), but within looped square, outside which

Khaleefehs' names.

(عثمان inverted.)

Rev.

السلطان الاعظم

علا الدنيا والدين

خلد الله ملكه

ضرب ارزنجان

سنة ٧٦٢

B. '75, Wt. 25.0

45

Arzenján, year 765.

Similar :

but date $\nu 10$,and counter-struck on rev. with الله
within oval border of dots.

(Pierced.)

Pl. II. B. 8, Wt. 24.1

46

Arzenján, year [7]68 :

Similar to (44) :

but date $[\nu] 10$ and the letters الله in ملكه الله surrounded by oval
of dots similar to counter-mark on (45).

(Pierced.)

B. 8

47

Similar to (46).

(Pierced.)

B. 75

48

Mint and date obliterated.

Obv. Similar to (44), but barbarously engraved.

Rev.

السلطان الا

علا الدنيا عظم

... والدين

خند الله ملكه (?)

الله, in oval border, as on (47).

B. 8, Wt. 23.8

48

Mint uncertain, year 768.

Similar to (44):

but last two lines of rev. ضرب كنوه
سنة ٧٦٨

Pl. II. B 3, Wt. 12.3

50

Similar to (40):

but obv. area *reversed*; rev. barbarous.

B 3, Wt. 8.3

51

Seewás, year obliterated.

Obv. Area, within looped lozenge, as (43), but Khaleefehs'
names transferred to margin.

Rev. as (44), but last two lines سواس (sic.) . . .

(Pierced.)

B 7, Wt. 24.3

~~~~~

## VI.—MOHAMMAD II.

SILVER.

52

Kóniyeh, year obliterated.

Obv. Similar to (44), but formula in square Koofee arranged geometrically, followed by صلى الله عليه; and only ابو بكر and عثمان legible around.

Rev.

السلطان الاعظم  
 محمد بن علا الدين  
 خلد الله ملكه  
 في سنة

Pl. II. B. 75, Wt. 26.2

## VII.—IBRÁHEEM.

SILVER.

53

Kóniyeh, year 829.

Obv.

ضرب قونية  
 ظل السلطان لظل الله  
 ثبات الملك العدل  
 في ٨٢٩

Rev.

In centre, within double circle, الله  
 Around, السلطان المعظم ابراهيم بن محمد بن  
 قرمان خلد مملكته

Pl. II. B. 76, Wt. 10.0

54

Kóniyeh, year 841.

Obv., in four segments,

ابراهيم بن  
 ٨ ١٤١  
 محمد بن قومان

Rev.

خالد ملكه

==X==

ضرب قونية

Pl. II. B. 55, Wt. 15.2

---



---

VASSAL of KARAMÁN.

~~~~~  
MUFETTIH-ED-DEEN.

—————
SILVER.

55

Kóniyeh, year obliterated.

Obv.

علا الدين
خلد ملكه
ضرب قونه

Rev.

مفتح الدين

.....

PL. II. R. '65, Wt. 13.6

AMEERS of AYDEEN.*

		A.H.	A.D.
I.	Aydeen Beg	700	1300
II.	Mohammad circ.	733	1333
III.	'Omar I	740	1339
IV.	'Eesá I.	749	1348
	Conquered by Báyezeed I.	792	1390
	Dynasty restored by Timur.		
V.	'Eesá II.	805	1402
VI.	'Omar II.	806	1403
VII.	Muṣṭafá	824	1421
	Final annexation,	829	1426

* See J. KARABACEK, *Gigliato des jonischen Turkomanen Fürsten Omar-beg*, in the *Numismatische Zeitschrift*, Band II. SS. 524—538; and cf. ix., 207—214. Von Hammer differs from this account in several particulars.

NO NAME.

SILVER.

56

Medeenet Ayásuloogh, year obliterated.

Obv. Area, within double square,

لا اله الا

محمد

رسول الله

(Ligature:—الله)

Margin, . . . | عمر | عثمان |

Rev. Area, within square,

ضرب مد

ينة اياسلو

غ حرسها

Margin, . . . | . . . | . . . | الله

IV. or V.—'EESÁ I. or II.

SILVER.

57

No mint or date.

Obv., within eightfoil,

(sic) لا الا لا

محمد

رسول الله

Rev., within quatrefoil,

خلد الله

ملكه

عيسى

Pl. II. B. 6, Wt. 11.5

AMEERS of ŞÁROO-KHÁN.*

	A.H.	A.D.
I. Şároo Khán	713	1813
II. Ilyás c.	746	1845
III. Ishák c.	776	1874
Conquered by Báyezsed I.	792	1890
Dynasty restored by Timur.		
IV. Khyd̄r	804	1402
	to 805	1403
V. 'Omar c.	809	1406
~~~~~		
Juneyd . . . . .	813	1410
Final annexion,	829	1426

---

### I.—ŞÁROO KHÁN.

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The Coins of Şároo Khán belong to the Latin Series of the  
East,—Magnesia.

---

* See E. VON BERGMANN, *Beiträge zur muh. Münzkunde*, in the *Sitzungsberichte der phil.-hist. Classe der k. k. Academie der Wissenschaften*, lxxiii. 129 ff.

### III.—ISHÁK.

SILVER.

58

No mint, year 776.

Obv. In ṭughrá, اسحاق بن الياس

Rev. الله

خليفه (?)

۷۷۶

(Broken.)

Pl. II. B. 55, Wt. 11.5

### V.—'OMAR IBN ILYÁS.

SILVER.

59

No mint or date.

Obv. In ṭughrá, ... بن الياس

Rev. خلد

Ornament.

ملكه

(Broken.)

Pl. II. B. 55, Wt. 9.5

## JUNEYD.*

---

 SILVER.

60

No mint, year 825.

Obv. In şughrá, جنید بن ابراهیم

Rev. In ornamented border,

 ۸۲  
 خلد ملک  
 8

Pl. II. B. 6, Wt. 113

---

* The style of this coin is precisely similar to that of the two preceding coins, and the date corresponds with Juneyd's rule at Smyrna and Ephesus.

## AMEERS of MENTESHÁ.

---

	A.H.	A.D.
I. Menteshá Beg . . . . .	c. 700	1800
II. Yaakoob . . . . .	c. 750	1849
III. Ilyás . . . . .	791	1888
Conquered by Báyezeed I.	792	1890
Restored by Timur	805	1402
IV. [Leyth.] Ahmad and Oweys . . . .	824	1420
Final annexation	829	1425

---

## III.—ILYÁS.

---

### SILVER.

61

No mint, year 805.

Obv.

إلياس بن

محمد

٨٠٥

Rev., within square,

عبد

ملكه

## IV.—LEYTH IBN ILYÁS.

SILVER.

62

No mint, year 824.

Obv.

لـيـث  
 بـن  
 الـيـاس  
 بـن  
 مـحـمـد

Rev.

خـلـد  
 ٨٢ ٤  
 مـلـكـه

PL. II.  $\text{R}^{\circ} 5$ , Wt. 11.3

# MOHAMMAD ARTEEN.

## SILVER.

68

Mint and date obliterated.

Obv. In circle in centre, على  
 In three segments round, ابو بكر | عمر | عثمان  
 Outside which, in three segments,  
 . . . . . | . . . . . | رسول الله

Counter-struck with hexagram.

Rev. محمد ارتين  
 السلطان الاعظم  
 غياث . . . . .  
 خلد الله . . . . .  
 ضرب . . . . .

PL. II. B. 65, Wt. 26.6



## ISHĀK PASHA(?)*

## SILVER.

64

No mint or date?

Obv., within eightfoil, لا اله الا  
الله محمد  
رسول الله

(Barbarous.)

Rev., within hexagon, س ع س  
بكلربك (?)  
خلد ملكه (?)

Æ 65, Wt. 15.8

65

Similar to (68):

but second line of rev. اسحاق  
(Pierced.)

Æ 65, Wt. 16.0

## COPPER.

66

Obv. ع ل د ه  
اسحاق

Rev. خلد الله  
ملكه

Æ 70

67

Obv. and Rev. خلد الله  
ملكه

Æ 70

* An Ishāk Pasha was governor of Anatolia during the reigns of Murād II. and Moḥammad II.

**'OTHMÁNLEE SULTÁNS.**





	A.H.	A.D.
XXII. Muṣṭafá II. ibn Moḥammad . . .	1106	1695
XXIII. Aḥmad III. ibn Moḥammad . . .	1115	1703
XXIV. Maḥmood I. ibn Muṣṭafá . . .	1143	1730
XXV. 'Othmán III. ibn Muṣṭafá . . .	1168	1754
XXVI. Muṣṭafá III. ibn Aḥmad . . .	1171	1757
XXVII. 'Abd-El-Ḥameed I. ibn Aḥmad . . .	1187	1773
XXVIII. Seleem III. ibn Muṣṭafá . . .	1203	1789
XXIX. Muṣṭafá IV. ibn 'Abd-El-Ḥameed . . .	1222	1807
XXX. Maḥmood II. ibn 'Abd-El-Ḥameed . . .	1223	1808
XXXI. 'Abd-El-Mejeed ibn Maḥmood . . .	1255	1839
XXXII. 'Abd-El-'Azeez ibn Maḥmood . . .	1277	1861
XXXIII. Murád V. ibn 'Abd-El-Mejeed . . .	1293	1876
XXXIV. 'Abd-El-Ḥameed II. ibn 'Abd-El-Mejeed	1293	1876

Regnant.

---

## II.—URKHÂN.

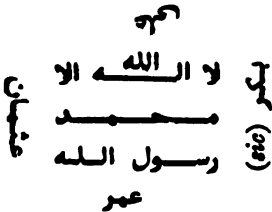
A.H. 726—761.

## SILVER.

*Obv.**Rev.*

68

No mint or date.


  
 لا اله الا محمد رسول الله  
 عمر

اورخان  
 خلد الله  
 ملكه

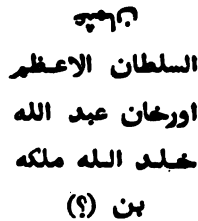
Pl. III. Pierced. B. 65, Wt. 17.4

69

No mint or date.

Similar :

but ابو بكر at top, عمر at  
 right, عثمان at bottom, and  
 علي at left.


  
 السلطان الاعظم  
 اورخان عبد الله  
 خلد الله ملكه  
 بن (?)

Pl. III. B. 55, Wt. 19.1

70

No mint or date.

"

"

عثمان beneath, and uncertain  
 letters above.

B. 55

*Obv.**Rev.*

71

No mint or date.

Similar to (69).

Similar to (69):

inscr. above and beneath,  
obscure.

*Pierced in eight holes. B '55*

72

No mint or date.

"

"

above, arabesque; beneath,  
uncertain letters.

*B '55*

73

No mint or date.

"

"

above, arabesque; beneath,  
عثمان.

*B '55*

74

Mint? no date.

Similar to (68):

"

but ابو بكر complete.

above, arabesque; beneath,

سرفه

*Pierced. B '55*

75

No mint or date.

"

"

beneath, ابو بكر على at right,  
عمر and عثمان obliterated.

inscr. above and beneath,  
illegible

*B '55*

Obv.

Rev.

76

No mint or date.

Similar to (68):

السلطان الاعظم

without *Khaleefeh's* names.

اورخان

مخلد الله ملكه

Pl. III. B 7, Wt. 17.9

77—80

No mint or date.

"

"

B 65

7

omitting ملكه

65

6

81

No mint or date.

"

"

عاب instead of عان *

B 7

82

No mint or date.

"

Very obscure.

Pierced. B 7, Wt. 17.5

---

* The obscure word, written عان and عاب, may be either عبد الله وعنان. In the former case (which I think the more probable) بن must be supplied; but most of the words on the coins of Urkhân are so inaccurately and incompletely written that there is nothing remarkable in the omission of بن. On these coins, عان is generally written without the ن, and السلطان is expressed by three or four upright strokes. Such barbarous engraving is not reproduced in the descriptions, since no object would be gained by its representation, when there is no doubt of the correct reading. Whenever any ambiguity is possible, the actual lines of the inscription are carefully reproduced, as in the case of عان. Marsden's reading of this word as عانى seems far-fetched.



## III.—MURÁD I.

A.H. 761—792.

## SILVER.

*Obv.**Rev.*

83

No mint or date.

Similar to (68):

مراد بن اورخان  
خلد الله ملكه

Pl. III. B 3, Wt 17.3

84

No mint or date.

لا اله الا الله  
محمد رسول  
الله

مراد بن اورخان  
خلد الله ملكه

B 35, Wt 18.3

85

No mint or date.

مراد بن  
 اورخان

خلد  
ملكه

Above and beneath, arabesque.

B 4, Wt 18.0

## COPPER.

*Obv.**Rev.*

86

No mint or date.

(sic) السلطان العا

خلد الله ملكه

Above, arabesque.

مراد بن اورخان

خلد الله ملكه

Æ 75

87

No mint or date.



Æ 76

88

No mint, year 790.

[مر]اد خان

عز نصره

عز نصر[ه]

۷۹۰

Æ 7

~~~~~

IV.—BÁYEZEED I.

A.H. 792—805.

SILVER.

*Obv.**Rev.*

89

No mint, year 792.

بایزید
 —————
 بن مراد

خلد ملکہ
 —————
 ۷۹۲

Pl. III. B. 45, Wt. 18.2

90

No mint, same year.

"

"

B. 5

91

No mint, same year.

"

"

reversed.

B. 3, Wt. 15.6

COPPER.\*

*Obv.**Rev.*

92

No mint or date.

سلطان
—o—
بایزید

Ornament.

B 56

93

No mint or date.

بایزید
—————
ر ر ر ر
خان

Ornament.

B 55

\* These two copper coins might be attributed equally well to Báyezeed II. but for the fact that the latter always styles himself بایزید بن مراد.

SULEYMÁN.

A.H. 806—818.

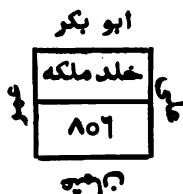
•
Obv.

S I L V E R.

Rev.

94

No mint, year 806.

امیر سلیمان بن بایزید
in Tughrá.PL. III. *Æ* 6, Wt. 17.7

95

No mint, same date.

”

”

Æ 65, Wt. 16.5

96

No mint, same date.

”

”

Khaleefehs' names begin at left
instead of top.*Æ* 55

C O P P E R.

97

No mint, year 806.

Similar.

Similar to (94).

Æ 7

*Obv.**Rev.*

98

No mint, year 812.

خالد ملکہ

خالد ملکہ

۲۱۸

۲۱۸

Æ '65

99

No mint or date.

سلطان

Ornament.

سلیمان

Æ '5

V.—MOHAMMAD I.

A.H. 816—824.

BRUSA.

SILVER.

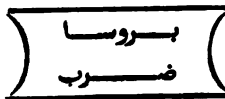
100

Year 822.

بایزید

خالد ملکہ

محمد بن



خان عز نصرہ

۸۲۲

Pl. III. Æ '45

H

*Obv.**Rev.*

101

No date.

...
 الله
 لا اله الا
 محمد
 رسول الله
 ...

٢٠
 ٢١

غياث الدنيا
 والدين محمد
 (بن) بايزيد خلد ملكه
 بروسة (?)

B. 55, Wt. 17.0

SEREZ.

SILVER.

102

Year 822.

Similar to (100).

Similar to (100) :

but mint سرز

Pl. III. B. 55, Wt. 17.5

102a

Year 816.

سلطان بن
 سلطان محمد با
 يزيد خان

ضرب سرز (?)
 خلد () ملكه
 ابن عمر (?)

Pl. III. B. 45, Wt. 20.0

NO MINT.

COPPER.

Obv.

Rev.

103

Year 812

محمد
بن بايزيد

۱۲
خلد ملکه
۸

Æ ۶

104

Year 818

السلطان
الملك الا ...
محمد [بن] بايزيد

خلد ملکه
ودولته
۸۱۳

Æ 7

105

No date.

محمد بن

بايزيد

above and beneath, ornaments.

Enstruck. Æ 6

106

No date.

سلطان
محمد بن
بايزيد

Ornament.

Æ 6

*Obv.**Rev.*

107

No date.

محمد بن.... يد

Ornament.

خاغان

Æ 6

VI.—MURÁD II.

A.H. 824—855.

BRUSA H.

SILVER.

108

Year 825.

٨٢٥

مراد بن محمد
in Tughrá.

خالد ملکہ

برسة
ضرب

Æ 5, Wt. 18·2

109

Year 834

مراد بن
محمد خان

خالد ملکہ

برسة
ضرب

Æ 5, Wt. 17·0

COPPER.

*Obv.**Rev.*

110

Year 827.

سلطان
 مراد بن
 [محمد] خان خلد
 ملكه

ضرب بوسة
 عمر بن الياص (?)
 ٨٢٧

Æ 75

111

Same.

”

”

Æ 75

112

Year 836.

مراد بن
 محمد خان

خلد ملكه
 ٦ (٣) ٨
 ضرب بوسة

Æ 8

113

Same.

”

”

Æ 75

114

Year 852 (?)

مراد بن محمد
 خان
 عز نصره

٨٥٢ هر
 ضرب سة (?)

Æ 45

AYÁSULUĞ.

COPPER.

*Obv.**Rev.*

115

Year 8xx.

Pl. III. E 5

ADRIANOPLÉ.

SILVER.

116

Year 834.

Similar to (109):

but ϕ for ξ

Pl. III. E 55

COPPER.

117

Year 832.

"

divided by single line.

E 55

SEREZ.

SILVER.

*Obv.**Rev.*

118

Year 834.

Similar to (109):

but \* for <

خلد ملکہ



ضرب سوز

Pl. III. B. 55, Wt. 18.0

NO MINT.

SILVER.

118a

سلطان

مراد

خان ؟

Illegible.

B. 5

COPPER.

119

No date.

[مراد بن محمد خان]

in Tughrá.

Ornament.

B. 6

VII.—MOHAMMAD II.

A.H. 855—886.

BRUSA H.

COPPER.

*Obv.**Rev.*

120

Year 861

محمد بن | [مر] اد | خان

in three compartments.

خلد ملكه

٨٦١

[ضوب] برسة

Æ '45

121

Same :

„

„

Æ '45

122

Year 865

محمد بن مراد خان عز

نصره ٨٦٨

arranged circularly round

a star.

خلد ملكه ضوب برسة

arranged circularly round

a star.

Æ '55

123

Year 867.

„ ٨٦٧

„

Æ '65

124

Year [8]6x.

„ [٨] ٦<sup>x</sup>

„

Æ '65

AYÁSULUK.

COPPER.

Obv.

Rev.

125—127

Year 865.

Similar to (122): year ٨٦٥ خلد ملكه ضرب اياثلق

arranged as (122).

Pl. III. E 6

7

8

TIREH.

COPPER.

128

Year obliterated.

محمد بن

[خلد ملكه]

مراد خان

ضرب تيره

عز نصره

.....

E 7

129

Same.

”

”

E 7

KHÁNJEH.

SILVER.

*Obv.**Rev.*

180

Year obliterated.

In centre, محمد

عز نصره

Around, سلطان بن مراد خان

ضرب

خانچه [ا]

Pierced. PL. III. B. '45

ADRIANOPLE.

SILVER.

181, 181a

Year 855.

In centre, محمد بن

خلد ملکه

Around, مراد خان عز نصره ٨٥٥

> <

ضرب ادرنة

B. '4, Wt. 14.8

B. '45

182

Year 87x.

محمد بن

خلد

مراد خان

ملکه ضرب

عز نصره

[ا] رنة

٨٧a

B. '4

COPPER.

Obv.

Rev.

133

Year 857.

سلطان
محمد بن مراد
خان

خالد ملکہ

ضرب ادرنہ

Æ ۶

134

Year [8]x7.

محمد بن مراد خان عز نصرہ .۷
arranged circularly.

خالد ملکہ ضرب ادرنہ
arranged circularly.

Æ ۶۵

135

No year.

محمد بن

مراد

خالد ملکہ

ضرب ادرنہ

Æ ۶۵

136—138

No year.

محمد بن مراد خان
in *Tughrá*.

”
ornament (varied) instead of
line.

Æ ۶
Æ ۶
Æ ۶

SEREZ.

SILVER.

*Obv.**Rev.*

189

Year 855.

Similar to (181.)

خالد ملکہ

ضرب سوز

divided by ornament.

B. 45, W. 14.5

189a

Year 865.

محمد بن مراد خان عز نصرہ ۸۶۵ خالد ملکہ ضرب سوز

arranged circularly round star.

arranged as obv.

B. 45

CONSTANTINOPLE.

(Conquered 857.)

SILVER.

140

Year 875.

محمد بن

مراد خان

عز نصرہ

۸۷۵

خالد

ملکہ ضرب

قسطنطنیہ

Pl. III. B. 45, W. 13.0

COPPER.

Obv.

Rev.

141

Year obliterated.

محمد بن مراد خان عز نصره ...

arranged circularly round
trefoil.

ضرب قسطنطينية

arranged circularly round
three stars.

Pl. III. A. 5

MINT OBLITERATED.

142

Year [8]28.

محمد بن
مراد
x 8

خالد ملكه
ضرب
A. 5

143

Year 874 P

محمد بن مر
اد خان
x

خالد ملكه
ضرب
V 8 4 P
A. 55

NO MINT.

144

محمد
بن

مراد خان
A. 55

VIII.—BÁYEZEED II.

A.H. 886—918.

CONSTANTINOPLĒ.

G O L D.

*Obv.**Rev.*

145

Year of Accession.\*

ضارب النضر
صاحب العز والنصر
فى البر والبحر
(Henceforward cited as
Formula A.)

سلطان بايزيد
بن محمد خان عز نصره
ضرب
قسطنطينية
سنة ٨٨٦

Pl. III. N° 7, Wt. 54.5

S I L V E R.

146

Accession.

سلطان
بايزيد
بن محمد خان

عز نصره ضرب
قسطنطينية
سنة ٨٨٦]

Pl. IV. Wt. 12.3

\* The majority of the Turkish coins from this time forward bear the year of accession, with the year of the reign added at a later period. When only the former appears, the coin is headed "accession"; when the latter, the year of reign as well as the date A.H. is given.

COPPER.

*Obv.**Rev.*

147

Year 903.

سلطان

.....

بایزید

... ضرب

بن محمد خان

[قسط] نطنية

۹۰۳

B. '45

ADRIANOPLE.

SILVER.

148

Accession.

Similar to (146).

Similar to (146): but ادرنة

B. '45, Wt. 12.3

COPPER.

149

Accession.

ادرنة (?)

بایزید بن

محمد خان ۸۸۶

ضرب

above and beneath, ornament.

B. '65

KARATOVA.

SILVER.

*Obv.**Rev.*

150

Accession.

Similar to (146).

Similar to (146): but قرطوة

Pl. III. B '4

NOVÁR.

SILVER.

151, 152

Accession.

Similar to (146).

Similar to (146): but نوار

Pl. III. B '45, Wt. 13'4

B '4

BRUSA.

COPPER.

153

No year.

بايزيد بن محمد خان

خالد ملكه ضرب برسة

arranged circularly round
annulet.arranged circularly round
annulet.

Pl. III. B '65

Obv.

Rev.

154

Year 922 (P)

محمد خان

.....

بایزید بن

سنة

۱ (?)

M 66

UNCERTAIN.

COPPER.

155

سلطان

خالد ملکہ

بایزید خان

حسا . . .

M 76

NO MINT.

156, 157

سلطان بایزید بن محمد خان

Ornament.

arranged circularly.

M 6

M 6

IX.—SELEEM I.

A.H. 918—926.

[CONSTANTINOPLE.]

GOLD.

*Obv.**Rev.*

158

Year 926.

Formula A.

سلطان سليم خان
 ابن بايزيد خان عز نصره
 ضرب سنة
 سنة ٩٢٦

Pl. III. *N* 8, Wt. 51.9

159

Same.

"

"

No line across.

N 75, Wt. 51.0

160

Same.

"

"

Ciphers obscure.

N 7, Wt. 53.3

SILVER.

*Obv.**Rev.*

161

Accession.

سلطان
 سليم
 شاه
 بن
 بايزيد خان

عز نصره ضرب
 قسطنطينية
 سنة ٩١٨

Pierced. *R* '55, Wt. 10.0

162

Same.

"

"

date obliterated.

R '45

COPPER.

163

Accession.

Similar.

Similar to (161).

R '5

164

Year 923.

In centre, سنة
 ٩٢٣

Arabesque.

Around, قسطنطينية

R '75

NOVÁR.

SILVER.

*Obv.**Rev.*

165

Accession.

Similar to (161).

[عز نصره ضرب]

نوار سنة

٩١٨

B 45

166, 167

Same.

”

”

B 45, Wt. 10 2

B 45

ROHÁ.

COPPER.

*Obv.**Rev.*

168

Year obliterated.

سلطان

Within square,

سليم

ضرب

[بن] بايزيد خان عز نصره ضرب

رها

.....

Pl. III. № 7

169

سلطان

Within square,

سليم

ضرب

بن بايزيد خان [ن]

ها

عز....

Pl. III. № 55

B R U S A (P).

S I L V E R.

*Obv.**Rev.*

170

Year obliterated.

Similar to (161).

عز نصره ضرب

[بر] سنة (?)

Æ '5, Wt. 103

U N C E R T A I N.

C O P P E R.

171

Mint obliterated, year 925.

. . . .

Arabesque.

925...

Æ '65

X.—SULEYMÁN I.

A.H. 926—974.

CONSTANTINOPLE.

GOLD.

*Obv.**Rev.*

172

Accession.

Formula A.

سلطان سليمان

بن سليم خان

عز نصره ضرب

قسطنطينية في

سنة ٩٢٦

Pl. III. *N* 8, Wt. 53.3

173, 174

Same.

"

(Ornaments varied.)

"

N 8*Pierced. N* 75

SILVER.

175

Accession.

سلطان سليمان شاه بن سليم خان عز نصره خلد ملكه ضرب

arranged circularly.

قسطنطينية سنة ٩٢٦

Pl. III. *B* 4, Wt. 10.9

*Obv.**Rev.*

176, 177

Year obliterated.

سلطان سليمان

بن سليمان شاه

.....

[ذ] صره

عز \* ضرب

قسطنطينية

سنة

...

Æ 5

Æ 45

C O P P E R.

178

Accession.

Ornament (?)

.....

[ق] طنطنية

سنة

٩٢٦

Æ 7

179

Year 933.

Ornament.

[ع] رنه [و] ضر [ب]

[ق] سطنطنية

سنة

٩٣٣

Æ 8

*Obv.**Rev.*

180, 180a

Year 953.

Ornament.

ضر
ب
قسطنطنية
٩٥٣

Æ 65

Æ 6

181, 182

Year 957

سليمان خان

سنة

(arranged in Tughrá):

٩٥٧

above, عز نصره

surrounded by circle and

beneath, قسطنطنية

ornamented border.

Æ 6

Æ 7

183

Same year.

Ornament:

Similar.

(Hexagram)

Æ 65

184

Year 966.

Stars and ornaments.

عز نصره
ضرب
قسطنطنية
٩٦٦

Æ 65

SIDREH-KEYSEE.

GOLD.

*Obv.**Rev.*

185

Accession.

Formula A.

سلطان سليمان
 بن سليم خان
 عز نصره ضرب
 سدرة قيسى في
 ٩٢٦
 سنة

Pl. III. *N*° 8, Wt. 54.5

186

Same.

”

”

divided by two
 horizontal bars.

N° 8

187

Same.

صاحب النضر
 والنصر في البر
 والبحر م

”
 omitting في

N° 75, Wt. 54.3

SILVER.

Obv.

188

Rev.

Accession.

سلطان سليمان شاه بن
 سليم خان
 arranged circularly round star.

خلد ملكه
 ضرب • ب
 سدره قيسى
 سنة
 ٩٢٦

PL. III. B. 5, Wt. 10.7

189

Same.

سلطان
 سليمان
 شاه بن
 سليم
 [خان]

ضرب
 سدره
 قيسى سنة
 ٩٢٦

B. 45, Wt. 7.6

KARATOVA.

SILVER.

190

Accession.

سلطان
 سليمان شاه [ه]
 سليم [ه]
 . ١ .

عز نصره
 ضرب
 قرطوه
 سنة
 ٩٢٦

B. 45

*Obv.**Rev.*

191

Same.

سلطان
 سليمان شاه
 بن سليم شاه

Similar to (190).

Pierced. R. 55

NOVÁR.

SILVER.

192

Accession.

سلطان
 سليمان \* ن شاه
 بن سليم شاه

عز نصره
 ضر \* ب
 نوآر
 سنة
 ٩٢٦

R. 6, Wt. 107

NOVABERDA.

COPPER.

193

Accession.

Similar to (191):
 but last word خان

عز نصر[ه]
 ضررب
 نوآبرد[ه]
 سنة
 ٩٢٦

R. 45

BRUSA.

COPPER.

*Obv.**Rev.*

194

Year 963.

.....
 فـلـو
 بـرـوسـ[ة]
 سـنـة
 ٩٦٣

خـلـد
 مـلـكـ[٤]

Æ 7

ÁMID.

SILVER.

195

Year 966.

سـلـطـان سـلـيـمـان شـاه
 بـن سـلـطـان سـلـيـم شـاه
 البـر والـبـحـ[ر]

In centre, اـمـد

ضـرـب

Around, خـلـد الـه مـلـكـه
 و سـلـطـانـه سـنـة ٩٦٦

Pl. IV. Pierced. Æ 8, Wt. 61.5

DAMASCUS.

G O L D.

*Obv.**Rev.*

196

Accession.

Formula A.

سلطان سليمان شاه
 بن سلطان سليم شاه
 عز نصره ضرب في
 دمشق

سنة
 ٩٢٦

N° 8, Wt. 84.1

ALEPPO.

G O L D.

197

Accession.

Formula A.

Similar : but حلب

Pl. IV. N° 75

198

Same year.

”

”

شاة instead of خان
 in second line.

N° 7

S I L V E R.

*Obv.**Rev.*

199

Year obliterated.

سلطان

... س

.... س

عز

نصره

ضرب

حلب

سنة

...

Pierced. *R* 65, Wt. 147

200

Mint obliterated.

Accession.

شاة

سليمان

.....

... \* ضرب

سنة

٩٢٦

Pierced. *R* 65

S O O R (?)

S I L V E R.

201

Year obliterated.

.....

بن سليم

... في ...

In centre, ضرب

صور؟

سنة

...

Around, illegible inscription.

R 76, Wt. 40.5

E G Y P T.

G O L D.

*Obv.**Rev.*

202

Accession.

Formula A.

سلطان سليمان شاه

بن سليم خان

عز نصره ضرب في

مصر سنة

٩٢٦

N° 8, Wt. 53.5

203

Same.

”

”

N° 8

204

Same.

”

سلطان سليمان

بن سلطان سليم شاه

عز نصره ضرب

مصر في

سنة ٩٢٦ [٩]

Pierced. N° 8

Obv.

Rev.

205

Same.

Same.

Similar:

last three lines

عز نصره ضرب فی

ب مصر

سنة

۹۲۶

Pl. IV. N 3

206

Same.

”

(Badly executed.)

”

N 75

SILVER.

207

Year 922.

سلطان

سلیمان شاه

بمذ سلیم

خان

عز

نصره ضرب

سنة

۹۲۲

Pierced. B 7, Wt. 12.9

COPPER.

208

Year 928.

۹۲۸

Arabesque.

within ornamented

border.

E 35

M

HIJÁZ.

GOLD.

*Obv.**Rev.*

209

No year.

لا اله الا الله
محمد
رسول الله

غازی
پادشاه
سلیمان
سلطان

N° 55, Wt. 16·3

210

No year.

”

سلیمان پادشاه
سلطان غازی
الحرمین الشریف
ملک . خدا .

Pl. IV. N° 5, Wt. 14·6

211

No year.

”

پادشاه . . غازی . .
.....

N° 45, Wt. 14·4

Obv.

Rev.

212

No year.

Same as (209).

.

خلد تعالیٰ

پادشاه غا..

[سا] و [ما] [ن]

نو . . .

N° 35

213

No year.

”

”

N° 35

214

No year.

”

”

. . . نو instead of سلطان

N° 35, Wt. 62

TRIPOLI.

SILVER.

215

Year 92x.

سلطان [ان]

[خ] رب

سلیمان [شا]

[ط] و ابلوس

ه [بن س] المهر [ان]

سنة

۹۲x

(Square.)

Pl. IV. B. 55, Wt. 153

216

Year 92x.

”

”

partly obliterated.

date ۹۲x

(Square.)

B. 55

TUNIS.

COPPER.

*Obv.**Rev.*

217

Year [9]x8.

سلطان
 سليم [أ] بن

ضرب
 تونس في
 سنة
 x x ٨

In centre, ornament.

Æ 5

ALG I E R S.

SILVER.

218

Year obliterated.

[سلطان سليمان بن]
 [بن] سليم
 [خان]...

عز نصره
 ضرب في
 جزائر
 [سنة]
 ...

Æ 56, Wt. 15·6

219

Year obliterated.

”

” جزير

Æ 5

COPPER.

*Obv.**Rev.*

220

No year.

Same as (218).

عز نصره [ره]

ضرب

جزیر

B. 55

UNCERTAIN MINTS.

SILVER.

221

Accession.

سلطان

عز نصره

شاه

ضرب

سليمان

.....

(sic) بن سليمان

سنة

٩٢٦

Pierced. B. 55 Wt. 9.5

222

Year obliterated.

عز نصره ضرب سنة ... سلطان سليم بن خان

arranged circularly round

arranged circularly round

star.

star.

B. 4

COPPER.

*Obv.**Rev.*

223

Year 938.

سلطان
 arranged round central
 ornament.

.....

.....

في سنة
 ٩٣٨

B 7

XI.—SELEEM II.

A.H. 974—982.

NOVABERDA.

SILVER.

224

Accession.

سلطان
 سليم
 بن سليمان
 خان

عز نصر[ه]

ضرب

نوابرده

٩٧٤

*Obv.**Rev.*

225

Year obliterated.

سلطان سليمان
 شاه سليم
 بن

عز نصره
 ضرب
 .. بر...

AB '45, Wt. 9.5

ALEPPO.

G O L D.

226—228

Accession.

Formula A.

سلطان سليم شاه
 بن سلطان سليمان خان
 عز نصره ضرب
 حلب
 في سنة
 ٩٧٤

N '8, Wt. 53.2

N '76

N '76

SILVER.

*Obv.**Rev.*

229

Year obliterated.

سلطان سليم خان بن سلطان

Within hexagram.

[سلیم] arranged circularly

ب

round central hexagram.

حلب

ضر

Margin illegible.

PL. IV. 22 25, Wt. 23

BAGHDAD.

SILVER.

230

Accession.

سلطان سليم شاه

In centre, بغداد

بن سلطان سليمان شاه

ضرب

في البر والبحر

Around, خلد الله ملكه وسلطانه

١٧٢

في سنة

PL. IV. 22 3, Wt. 20.3

EGYPT.

GOLD.

Obv.

281

Rev.

Accession.

Formula A.

سلطان سليم شاه
 بن سليمان خان
 عز نصره ضرب في
 مصر سنة
 ٩٧٤

N° 75, Wk. 53°0

COPPER.

282

Accession.

.....
 عز نصره

.....
 بمصر
 سنة
 ٩٧٤

Æ 75

UNCERTAIN.

(Syrian fabric?)

COPPER.

233

No year.

سلطان سليم شاه
 بن سليمان خان عز نصره
 [نة]

Within ornamented border,

ضرب [ب]
 هادرا (?)

PL. IV. Æ 3

N

XII.—MURÁD III.

A.H. 982—1008.

CONSTANTINOPLE.

G O L D .

*Obv.**Rev.*

234

Accession.

Formula A.

سلطان مراد
 شاه
 بن سليم خان
 عز نصره ضرب في
 قسطنطينية
 سنة ٩٨٢

Pl. IV. *N* 75, Wt. 47.3

235

Same.

"

"

omitting شاه

N 75, Wt. 53.7

236

Same.

"

"

N 75, Wt. 39.8

237

Same.

"

"

differently arranged.

Pierced, N 75

COPPER.

Obv.

238

Rev.

Accession.

ضرب
فی (?)
[قسطنطنیة]
۹۸۲

Ornament.

B. 5

SIDREH-KEYSEE.

SILVER.

239

Accession.

سلطان
مراد بن
سلیم
خان

عز نصره
ضرب
سدره قیسی
۹۸۲

Pierced. B. 55

NOVABERDA.

SILVER.

240

Year obliterated.

.....
مراد خان [ن]
عز نصر [ره]
و.....

خلد
ملکه ضرب
نوا . . ر .

B. 5, Wt. 10.3

DAMASCUS.

GOLD.

*Obv.**Rev.*

241

Accession.

Formula A.

سلطان مراد شاه

بن سلیم خان

عز نصره ضرب

فی دمشق

سنة

٩٨٢

N 75, W 1. 533

ALEPPO.

GOLD.

242

Accession.

Formula A.

سلطان مراد

بن سلطان سلیم شاه

عز نصره ضرب

فی حلب

سنة

٩٨٢

N 75

SILVER.

Obv.

Rev.

243, 244

Accession.

سلطان مراد
بن سلطان سليم شاه
عز نصره

In centre, ب
خلب
ضر

Around, خلد الله ملكه و
سلطانہ سنہ
٩٨٢

Pl. IV. B '8, Wt. 55

B '8

245

Same.

طان . . .
مراد بن
مرخان

. . .
ضرب ٨٢
خلب

B '45

COPPER.

246

Year 991.

عز
نصره
ضرب
خلب
سنہ
٩٩١

Arabesque.

B '75

EGYPT.

GOLD.

*Obv.**Rev.*

252, 253

Accession.

سلطان البرين

سلطان مراد بن

وخاقان البحرين

سليم خان عز

السلطان بن

نصره ضرب في

السلطان

مصر سنة

(Henceforth cited as

٩٨٢

Formula B.)

N° 8, Wt. 53.3

N° 8

254

Same.

"

"

Unit of date omitted.

(Barbarously executed.)

N° 85

ALGIERS.

SILVER.

Obv.

255

Rev.

Accession.

سلطان
مراد بن
سليم
خان

عز نصره
ضرب جزائر
سنة ٩٨٢

Pl. IV. ♂ '55, Wt. 8.0

TILIMSÁN.\*

GOLD.

256

Year 988?

Within double square,

صاحب
العاذل (?) المستقيم
السلطان
مراد ابن
السلطان سليم

Within double square,

مالك البحرين
والبحرين والشام
والعراقين خلد
الله ملكه

In segments between square
and outer circle, | تمان (?) | ...

ثمانين ؟ | تسعمائة ؟

In segments between square

تلمسان | and outer circle,

سنة ثمان (?) | وثمان مائة وتسعمائة

Pl. IV. N 125, Wt. 68.0

\* See Introduction.

XIII. — MOHAMMAD III.

A.H. 1008—1012.

CONSTANTINOPLE.

GOLD.

Obv.

257

Rev.

Accession.

Formula A.

سلطان محمد
بن مراد خان
عز نصره ضرب في
قسطنطينية

١٠٠٣

N 75, Wt. 53.0

SILVER.

258

Accession.

In centre, محمد

عز نصره

Around, سلطان بن مراد خان

ضرب

[قسطنطينية]

١٠٠٣

N 75, Wt. 53.0

NOVABERDA.

SILVER.

Obv.

259

Rev.

No year.

Same as (258.)

عز نصره

ضرب

نوابرده

B. 45, Wt. 40

SKUB.

SILVER.

260

[Accession year of preceding Sultán.]

محمد

سلطان

بن مراد خان

عز نصره

ضرب سكوب

سنة

٩٨٢

[A Rev. of the preceding
Sultán.]

PL. IV. B. 45, Wt. 100

DAMASCUS.

GOLD.

*Obv.**Rev.*

261

Accession.

Formula A.

سلطان محمد بن
مراد خان عز
نصره ضرب فی
دمشق
سنة
١٠٠٣

PL. IV. Pierced. *N* 3, Wt. 51.6

262

Year obliterated.

"

"

Ciphers obliterated.

N 3

SILVER.

263

No year.

سلطان محمد بن مراد خان
in Tughrá

عز نصره ضرب دمشق
arranged round arabesque.

Pierced. *AB* 6, Wt. 15.0

A L E P P O .

GOLD.

Obv.

Rev.

264

Accession.

Formula B.

سلطان محمد
بن مراد خان عز
نصره ضرب فی
حلب
سنة
١٠٠٣

N° 8, Wt. 53.0

265

Accession.

"

"

N° 8

S I L V E R .

266

Accession.

Tughrá.

خالد مل[كه]
ضرب
حلب
١٠٠٣

Centre line enclosed in
border.

Pierced. R° 85, Wt. 34.0

Á M I D.

S I L V E R.

*Obv.**Rev.*

267

Accession.

Tughrá.

عز نصره

ضرب فی

امد

سنة

۱۰۰۳

B. 85, Wt. 83.0

268

Same.

„

In centre,

فی

امد

Around, ۱۰۰۳ ضرب

B. 85

269, 270

Same.

„

Similar.

B. 85

9

EGYPT.

GOLD.

Obv.

271, 272

Rev.

Accession.

Formula B.

سلطان محمد بن
مراد خان عز
نصره ضرب فی
مصر سنة
١٠٠٣

N '85, Wt. 53.0

N '85

SILVER.

273

Accession (?).

Tughrâ

.....
ضرب مصر
سنة
١٠٠٥

R '55, Wt. 4

274—276

Year obliterated.

”

خالد ملكه
.....

Pl. IV. *R* '5
R '5
R '5

TUNIS.

GOLD.

*Obv.**Rev.*

277

Year 1008.

Formula A.

سلطان محمد

بن مراد خان

عز نصره ضرب

فی تونس

سنة ١٠٠٨

بمن (?)

Pierced. N 75, Wt. 53.0

ALGIERS.

GOLD.

Obv.

Rev.

278, 279

Accession.

Formula A.

سلطان محمد
بن مراد خان عزه (sic)
نصر ضرب
جزاير في سنة
١٠٠٣

Pl. IV. N° 8, Wt. 53.2

N° 75

XIV.—AḤMAD I.

A.H. 1012—1026.

CONSTANTINOPLE.

Obv. GOLD. Rev.
280

Accession.

Formula A.

سلطان احمد
بن محمد خان
عز نصره ضرب في
قسطنطينية

١٠١٢

PL. V. N° 3, Wt. 53.3

281

Same.

”

” arrangement varied.

N° 85

SILVER.

282

Accession.

سلطان
احمد محمد
بن خان

ضرب
قسطنطينية

١٠١٢

Pl. V, Wt. 5

ERD-ROOM (*sic*).

SILVER.

*Obv.**Rev.*

288

Year 1014.

Tughrá.

خلد ملكه

ضرب

ارض روم

(*sic*) ۱۱۴

سنة

(ضرب inclosed in border.)

Pl. V. B. 7, W. 24

K A R Á—.

SILVER.

284

Accession.

Tughrá.

[خلد] ملكه

ضرب

۱۰۱۴

قرا . . .

(ضرب inclosed in border.)

Pierced. B. 75

KHÁNJEH.

SILVER.

*Obv.**Rev.*

285, 286

Accession.

Tughrá.

خالد ملك [٤]

ضرب ١٠١٢

خانجة

(centre line inclosed in border.)

Pierced. R 7*Pierced.* Pr. V. R 3

287

Year 1020?

In centre, احمد

عز نصره

Around, سلطان بن محمد خان

ضرب

خانجة

١٠٢٠ (?)

Pierced. R 55

A L E P P O .

SILVER.

Obv.

Rev.

288, 289

Accession.

Tughrá.

خالد ملكه

ضرب

حلب

١٠١٢

(ضرب inclosed in border.)

Pierced. B 7, Wt 20

Pierced. B 75

290

Same.

Within hexagram, ضرب

حلب

[١]٠١٢

In segments between hexagram
and outer circle,

عز | نصر | .. | ... | ... | ♥

Pierced. B 7

Á M I D.

GOLD.

Obv.

291

Rev.

Year 1018.

Formula B.

(خاقان omitted before و)

سلطان احمد
بن محمد خان
عز نصره
ضرب امد في
سنة
١٠١٣

N° 8, Wt. 51.6

EGYPT.

GOLD.

292, 293

Accession.

Formula B.

سلطان احمد بن
محمد خان عز
نصره ضرب في
مصر سنة
١٠١٢

N° 8, Wt. 53.

N° 8

SILVER.

294

Year obliterated.

In centre, احمد بن
Around, سلطان محمد خان
عز نصره

خالد ملكه
ضرب مصر
سنة
.....

Pl. V. B. 5, Wt. 6

*Obv.**Rev.*

295

Year obliterated.

Same.

Same.

Pierced. B. 5

296

Year obliterated.

سلطان

[ع] ز نصره

[ا] حميد بن

—•—

... ..

مصر

... ..

Pierced. B. 7

TRIPOLI.

COPPER.

297

Year obliterated.

السلطان

ضرب في

احمد خان ابن

طرابلس

السلطان محمد

غـرب

خان

... ..

B. 9

298

Year obliterated.

سلطان

... ..

احمد خان

طر.

Ornament.

بلو.

In ornamented border.

B. 6

TUNIS.

SILVER.

*Square.**Obv.**Rev.*

299

Accession.

السلطان
 احمد بن محمد خان
 عز نصره ضارب
 تونس

يا قاضي حاجات يا قاضي
 مهيات in anagram.

Beneath, 12

Pl. V. B. 45

300

Year 1017.

"

"

Beneath, 13

Pierced. B. 5

301

Year 1019.

"

"

Beneath, 14

B. 55, Wt. 7.4

302

Year 1025.

"

"

Beneath, 15

B. 5

303

Year obliterated.

"

Beneath, year illegible.

B. 5

ALGERS.

GOLD.

Obv.

Rev.

804

Accession.

Formula A.

سلطان احمد
بن محمد خان عز
نصره ضرب
جزاير في
سنة
١٠١٢

N 7, Wt. 53.4

UNCERTAIN.

SILVER.

(*Syrian Type.*)

805

Accession.

سلطان احمد بن محمد خان
in Tughrá.

خالد ملكه
ضرب
١٠١٢

... و (?)

(*inclosed in border.*)

R 7

*Obv.**Rev.*

806

Mint and date obliterated.

| | |
|---------------|---------|
| سلطان | ضرب |
| احمد خان | |
| بن سلطان محمد | |
| خان | |

B. 7

NO MINT.

COPPER.

807

| | |
|-------|-----------|
| سلطان | Hexagram. |
| احمد | |
| خان | |

B. 5

XV.—MUŞTAFÁ I.

(FIRST REIGN.)

A.H. 1026—1027.

EGYPT.

GOLD.

Obv.

Rev.

308

Accession.

Formula B.

سلطان
مصطفى بن
محمد خان عز
نصره ضرب في
مصر سنة
١٠٢٦

XVI.—'OTHMÁN II.

A.H. 1027—1031.

CONSTANTINOPLE.

SILVER.

*Obv.**Rev.*

309

Accession.

Formula B.

In centre, عثمان

Around, سلطان ابن احمد خان

١٠٢٧

عز نصره ضرب قسطنطينية سنة

Pl. V. B. 8, Wt. 43

DAMASCUS.

COPPER.

310

Accession.

Ornament.

عز نصر[ه]

ضرب ب

دمشق

١٠٢٧

B. 6

EGYPT.

GOLD.

Obv.

Rev.

811

Accession.

Formula B.

سلطان عثمان بن

[احمد] خان عز نصره

ضرب مصر في

سنة

١٠٢٧

N 9, Wt. 54.2

312

”

”

differently divided.

N 9

SILVER.

818

Year obliterated.

سلطان

عز نصره

عثمان بن

ضرب مصر

.....

سنة

....

Pierced. B. 65

TRIPOLI.

SILVER.

*Obv.**Rev.*

814

Year obliterated.

سلطان

ضرب

خان

طرابلس

عثمان

.....

B. 5, W. 4

UNCERTAIN.

COPPER.

315

Year obliterated.

سلطان

عز نصره

عثمان

ضرب

بن احمد

.....

B. 45

316, 317

"

Obscure.

B. 4

4

XV.—MUŞTAFÁ I.

(SECOND REIGN.)

A.H. 1081—1032.

CONSTANTINOPLE.

SILVER.

Obv.

818

Rev.

Second Accession.

Formula B.

In centre, مصطفى

| ٠٣ |

Above, ornament.

Around, سلطان [بن محمد

خان ضرب قسطنطينية

PL. V. B. 7, W. 39

819—822

”

”

Mint obliterated.

B. 7

7

65

65

ERZER ROOM.

SILVER.

*Obv.**Rev.*

323

Second Accession.

Formula B.

In centre, مصطفى

۱۰۳۱

سلطان [بن محمد،

خان] ضرب ارزروم

R 7, Wt. 34

[EGYPT.]

GOLD.

324

Year obliterated.

Formula B.

سلطان

مصطفى بن

محمد خان

عز نصره ضرب

.....

.....

[Style of Misr sequins.]

N 9, Wt. 51.3

TRIPOLI.

COPPER.

Obv.

825

Rev.

No year.

سلطان
مصطفى
خان

بلوس
طرا
غرب

Æ 5

NO MINT.

826

Same as (825).

Hexagram.

In centre, obscure word.

Æ 55

827

"

"

(blundered.)

Æ 45

828

"

"

Æ 4

829

"

....

Ornament.

ضرب

Æ 4

XVII. — MURÁD IV.

A.H. 1032—1049.

CONSTANTINOPLE.

SILVER.

*Obv.**Rev.*

330

Accession (?)

سلطان
مراد بن احمد خان
in Tughrá.

خلد ملكه
ضرب
قسطنطينية
١٠٣٢

Pl. V. Pierced. B. '66, Wt. '7

331

Same (?).

”

”

date obliterated.

B. '6

332

Same.

سلطان
مراد بن
احمد خان

عز نصر [ه]
ضرب
قسطنطينية
١٠٣٢

B. '65

ALEPPO.

SILVER.

*Obv.**Rev.*

333

No date.

Tughrá.

[عززد] صره

Ornament.

ضرب حلب

Pierced. Bl. '8

MINT OBLITERATED.

[Syrian Style.]

SILVER.

334

Year obliterated.

Tughrá.

سلطان مر[اد]

خان غازى بن ا[حمد]

ب[خان عز نصره ض[رب]

.....

.

Bl. '75, Wt. '46

Y E M E N.

(Šan'd.)

S I L V E R.

*Obv.**Rev.*

335

Accession.

سلطان
مراد بن
احمد خان

عز نصره

ضرب

صنعا

١٠٣٢

PL. V. B. '45, Wt. '5

E G Y P T.

G O L D.

336—388

Accession.

Formula B.

سلطان مراد بن

احمد خان عز

نصره ضرب في

مصر سنة

١٠٣٢

N '85, Wt. 53.6

N '85

N '85

TUNIS.

SILVER.

*Square.**Obv.**Rev.*

339, 340

Year 1033.

سلطان

عز نصره

مراد بن

ب نس

احمد خان

ضر بتو

In centre, ornament.

سنة

١٠٣٣

In centre, ornament.

Pierced. Pl. V. R. 55, Wt. 12

R. 5

341

Same.

„

عز نصره

ب ضر

بتو

نس سنة

٣٣

In centre, ornament.

R. 6

COPPER.

*Obv.**Rev.*

342

Year 1041.

سلطان

Within hexagram,

مراد خان

۱۰۴۱

ابن احمد خان

In outer compartments, letters
illegible.

Æ 5

343

Same.

"

"

but احمد خان beneath.

PL. V. Æ 55

344

سلطان

عز نصره

مراد بن احمد

ضر ب

خان

تونس

In centre, ornament.

In centre, ornament.

PL. V. Æ 5

ALGIERS.

G O L D.

*Obv.**Rev.*

345

Year 1040.

Formula B.

سلطان مراد
 بن احمد خان
 عز نصره في
 جزاير سنة
 ١٠٤٠

N° 85; Wt. 53.0

346

Year 1041.

Formula B.

سلطان
 مراد بن احمد خان
 عز نصره ضرب في
 جزاير سنة
 ١٠٤١

N° 8



XVIII.—IBRÁHEEM I.

A.H. 1049—1058.

CONSTANTINOPLE.

SILVER.

*Obv.**Rev.*

347

Accession.

Formula B.

سلطان
 ابرهیم بن
 احمد خان ضرب
 قسطنطنیة
 ١٠٤٩

PL. V. B. 7

348

Same.

Tughrá of سلطان ابرهیم بن ;

beneath, in plain inscr.,

احمد خان

خلد ملکه

ضرب

قسطنطنیة

١٠٤٩

B. 65, Wt. 16

349, 350

Same.

"

"

PL. V. B. 8, Wt. 22

B. 6

Obv.

351

Rev.

Accession.

سلطان
ابراهيم بن
احمد خان

عز نصره
ضرب
قسطنطينية

١٠٣٩

Pierced. B. 5

352

Same.

"

"

B. 45, Wt. 5

353

Same.

"

"

date obscure.

45

COPPER.

354

Accession.

Formula B.

سلطان
ابراهيم ابن
احمد خان ضرب
قسطنطينية

١٠٣٩

B. 75

S

*Obv.**Rev.*

855

Year 1054.

Ornament.

ضرب
 قسطنطينية
 ١٠٥٤

Ornament in middle of ب

B 55

Á M I D.

SILVER.

356

Accession.

Taghrá.

عز [نصره]
 ضرب
 اميد
 ١٠٣٩

(عز نصره inclosed in border.)

Pierced. B 7, Wt. 17

DAMASCUS.

SILVER.

357

Accession.

In centre, ابراهيم

In centre, سنة

Around, [س] لطان ابن احمد

١٠٣٩

خان

Above, ornament.

Around, عز نصره ضرب دمشق

Pierced. B 7, Wt. 23

E G Y P T.

GOLD.

Nov.

Rev.

358

Accession.

Formula B.

سلطان ابراهيم بن
احمد خان عز
نصره ضرب في
مصر سنة
١٠٣٩

M '85, Wt. 53.8

359

Same.

"

"

removed to second line.

M '85

SILVER.

360

Accession.

سلطان
ابراهيم بن
احمد خان

خلد ملكه
ضرب مصر
سنة
١٠٣٩

M '55, Wt. 9

TUNIS

GOLD.

Obv.

361

Rev.

Accession ?

Formula B.

(a with ابن).

سلطان

ابراهيم

—

غان ضرب

احمد عز نصره في

تونس

سنة

١٠٥٩

Pierced. N° 2, Wt. 47.7

COPPER.

362—364

Accession.

سلطان

ابراهيم

بن احمد

Within hexagram,

٩

Æ 5

5

5

FES (?).

GOLD.

Obv.

Rev.

865

Year 1056.

سلطان

سلطان

البرين و

ابراهيم ابن

لبحرين (sic) عزا

احمد خان ضرب

لنصر (sic)

فس (?) في (?)

١٠٥٦

N. 2, W. 469

XIX.—MOḤAMMAD IV.

A.H. 1058—1099.

CONSTANTINOPLE.

GOLD.

*Obv.**Rev.*

366

Accession.

Formula B.

سلطان محمد
 بن ابراهيم خان
 عز نصره ضرب في
 قسطنطينية
 ١٠٥٨

Pierced A' 9

367

Same.

"

"

Pl. V. A' 9

368

Same.

"

"

but ابراهيم

A' 9

SILVER.

Obv.

Rev.

369

Year obliterated.

سلطان
محمد بن
[أ]برهیم خا[ن]

عز نص[وه]
ضرب
قسطنطنية

...

B. 4, Wt. 5

370

Same.

"

"

B. 45

371

Same.

"

"

Mint obliterated.

B. 45

DAMASCUS.

SILVER.

372

Accession.

Tughrá.

خالد ملكه
ضرب
دمشق

١٠٥٨

Pl. V. B. 66, Wt. 19

ALEPPO.

SILVER.

*Obv.**Rev.*

373

Accession.

Tughrá.

عز نصره

ضرب

١٠٥٨

[ح]لب

B 7, Wt. 39

BAGHDÁD.

SILVER.

374

Accession.

Tughrá.

سلطان محمد [د]

بن ابراهيم خان

عز نصره ض [و] ب

بغداد

١٠٥٨

B 75, Wt. 45

375

Same.

Formula B.

"

B 7

EGYPT.

GOLD.

*Obo.**Rev.*

376

Accession.

Formula B.

سلطان محمد بن
 ابراهيم خان عز
 نصره ضرب فنى
 مصر سنة
 ١٠٥٨

N° 3, Wt. 53.2

SILVER.

377

Accession.

سلطان
 محمد بن
 ابراهيم خان

.....
 ضرب مصر
 سنة
 [١]٠٥٨

No. 7, Wt. 12

TRIPOLI.

GOLD.

*Obv.**Rev.*

878, 879

Year 1078.

Formula A.

سلطان محمد
 بن ابراهيم
 خان عز نصره
 ضرب في
 طرابلس غرب
 سنة
 ١٠٧٨

Pl. V. Pierced. A. 66, Wt. 467

N 9

380

Year 1098.

"

سلطان
 محمد خان
 ضرب عز نصره في
 طرابلس غرب
 سنة
 ١٠٩٨

Pierced. N 7, Wt. 242

SILVER.

Obv.

Rev.

881

Year 1088.

سلطان
محمد خان
بن ابراهيم
خان

ضرب
طرابلس
غرب
سنة
١٠٨٣

Pl. V. B. 3, W. 23

COPPER.

882, 883

Year [1]078.

سلطان
محمد
بن ابراهيم خان

في طرابلس
غرب
٠٧٨
سنة

B. 6
B. 6

884

Year [10]91.

"

"

Date ٩١

B. 6

*Obv.**Rev.*

385

Year [10]94.

Same as (382).

Within hexagram,

غرب

٩٤

E 45

386

Year [10]98

"

Within octogram,

بلو

طرا س

١٨

غرب

E 5

TUNIS.

GOLD.

387

Year 1091.

Formula A.

سلطان

محمد بن ابراهيم

خان عز نصره ضرب

تونس

سنة

١٠٩١

Pierced, N 3, Wt. 40.2

S I L V E R.

Obv.

Rev.

388

Year 1036.

Tughra.

عز نصره
ضرب في
تونس
سنة
١٠٦٦

Pl. V. B. 75, W. 46

C O P P E R.

389

Year 1060.

سلطان
محمد بن
ابراهيم

ضرب
تونس
في سنة
١٠٦٠

In centre, ن

B. 65

390

Year 1085.

"

"

Date 1085

Pl. V. B. 6

391

Year 1090.

"

"

Date 1090.

B. 6

ALGIERS.

GOLD.

*Obv.**Rev.*

392

Year 1078.

Formula B:

(ابن سلطان)

سلطان

محمد ابن ابراهيم

خان عز نصر [ه] ضرب

١٠٧٨ سنة في

جزاير غرب

Pierced. N° 35, Wt. 52.7

UNCERTAIN.

COPPER.

393

سلطان

Hexagram,

محمد خان

In centre, Σ .

B 5

394

"

Hexagram.

B 4

THE NEW COINAGE.

XX.—SULEYMÁN II.

A.H. 1099—1102.

CONSTANTINOPLE.\*

SILVER.

Piastre.

*Obv.**Rev.*

895

Accession.

Formula B.

السلطان سليمان

بن ابراهيم خان

دامر ملكه ضرب في

قسطنطينية

١٠٩٩

Pl. VI. B. 1<sup>o</sup>, Wt. 203.5

896

Zolota.

Same.

”

”

but سلطان

B. 1<sup>o</sup>, Wt. 223.0

\* Hitherto this mint has always been spelt قسطنطينية on the coins : henceforth the modern spelling with a second ي, قسطنطينية, is found almost universally.

Akcheh.

Obs.

Rev.

397

Accession.

[سلطان]

سليمان بن

ابراهيم خان

عز نصر[ه]

ضرب

قسنطينية

[۱۰]۹۹

Pl. VI. B. 45, Wt. 2.5

398

Obscure.

”

B. 4, Wt. 2.5

COPPER.

399

Accession.

Taghra.

ضرب فی

قسنطينية

۱۰۹۹

B. 75

400

”

”

Pl. VI. B. 75

U

S E R Á Ĭ.

COPPER.

*Obv.**Rev.*

401

Year 1100.

Tughrá.

ضرب فی

سرای

۱۱۰۰

Pl. VI. B 75

V Á N ?

COPPER.

402

Year 1100.

سلطان
 سلیمان
 بن ابراهیم
 خان

..... الله

ضرب

وان

سنة

۱۱۰۰

B 7

BAGHDÁD.

SILVER.

Obv.

408

Rev.

Accession.

Tughrá.

.....

بن ابراهيم خان

عز نصره ضرب

بغداد

۱۰۹[۹]

B. 75, Wt. 48.5

EGYPT.

GOLD.

Sequin Fundukli.

404, 405

Accession.

Formula B.

سلطان سليمان

بن ابراهيم خان

عز نصره ضرب في

مصر سنة

[۱۰]۹۹

*Pierced. N. 9**N. 95, Wt. 53.2*

TRIPOLI.

COPPER.

Obv.

406

Rev.

Year 1102.

سلطان

. . .

.

طرابلس

.....

غرب ۱۱۰۲

M. 5

TUNIS.

GOLD.

Squin F.

407

Accession.

Formula A.

سلطان

سليمان بن

خان ابراهيم

عز نصره ضرب في

تونس

٠٩٩ (sic)

Pierced. Pl. VI. N° 9, Wt. 60

~~~~~

## XXI.—AḤMAD II.

A.H. 1102—1108.

## CONSTANTINOPLE.

## SILVER.

Piastre.

*Obv.*

408

*Rev.*

Accession.

*Formula B.*

السلطان احمد  
بن ابراهيم خان  
دام ملكه ضرب في  
قسطنطينية  
١١٠٢

Æ 1·55, Wt. 300

Yigirmlik.

409

Same.

”

”

Pl. VI. Æ 1·15, Wt. 146

## COPPER.

410

Accession.

Tughrá.

ضرب في  
قسطنطينية  
١١٠٢

Æ 75



## EGYPT.

## GOLD.

## Sequin F.

*Obv.**Rev.*

411

## Accession.

*Formula B.*

[سلطان احمد]

بن ابراهيم خان

عز نصره ضرب في

مصر سنة

١١٠٢

*Twice pierced. N° 95*

412

Year 1108.

"

"

Date ١١٠٣

*N° 96, Wt. 58.0*

~~~~~

XXII.—MUŞTAFÁ II.

A.H. 1106—1115.

CONSTANTINOPLE.

GOLD.

Sequin F.

Obv.

418, 414

Rev.

Accession.

Formula B.

Ṭughrá.

عز نصره ضرب فی
قسطنطينية

۱۱۰۶

Pierced. N 1'15, Wt. 50'8

Pl. VI. N '85, Wt. 53'7

SILVER.

Piastre.

415

Accession.

Formula B.

السلطان
مصطفى بن محمد خان
دار ملكه ضرب فی
قسطنطينية

۱۱۰۶

Æ 1'6, Wt. 310

*Obv.**Rev.*

416

Accession.

Similar to (415).

Similar to (415).

BR 1-55, Wt. 200

417

"

"

BR 1-5, Wt. 200

418

"

"

[Struck over dollar of Emperor Matthias I., part of
the legend of which is legible on either side.]

PL. VI. BR 1-55, Wt. 300

419

"

Tughrá.

دار ملكه ضرب فی

قسطنطينية

۱۱۰۶

[Struck over dollar of William I., of Orange, part of
the legend of which is legible on either side.]

PL. VI. BR 1-55, Wt. 410

Yigirmlik.

420

Same.

"

Similar to (415).

BR 1-2, Wt. 150

Onbeahlik?

Obv.

Rev.

421

Accession.

Similar to (415).

Similar to (419).

Tales pierced. (Much worn.) *AB* 1'15, Wt. 94

COPPER.

422

Accession.

Similar.

Similar to (415).

AB 1'3

ADRIANOPLE.

SILVER.

Piastre.

423

Accession.

Similar.

Similar to (415):

but last lines

ادرنه

سنة

1106

AB 1'6, Wt. 302

X

*Obv.**Rev.*

424

Accession.

Similar to (420).

Similar to (423).

Æ 1'55, Wt. 301

Yigirmalik.

425, 426

Same,

"

"

Æ 1'2, Wt. 153

Æ 1'1, Wt. 155

Para.

427

Same.

سلطان
مصطفى بن
محمد خان

عز نصره ضرب فی

ادرنه

سنة

۱۱۰۶

Pierced. Æ 6, Wt. 11

COPPER.

428

Accession.

Similar to (420.)

Similar to (423.)

Æ 1'45

S M Y R N A.

G O L D.

Sequin F.

Obv.

Rev.

429

Accession.

Formula B.

Similar to (418):

but last lines

أزمهر سنة

١١٠٦

AF 66, Wt. 63

S I L V E R.

Piastre.

430, 431

Accession.

„

Similar to (415);

but last lines as (429).

AB 1'5, Wt. 309

AB 1'45, Wt. 295

E G Y P T.

G O L D.

Sequin F.

432

Accession.

Formula B.

Similar to (418):

but last lines

سنة

١١٠٦ مصر

AF 65, Wt. 53'5

TRIPOLI.

SILVER.

*Obv.**Rev.*

2 Para?

433

Year 1108.

[د] لطان
 [مه] طفی خان
 [د] ن محمد
 خان

ضرب
 طرابلس
 سنة
 ۱۱۰۸

Æ 3, Wt. 22

TUNIS.

COPPER.

434

Year 1112.

سلطان
 مصطفى بن
 محمد خان

ضرب
 تونس
 فی
 ۱۱۱۲

Æ 7

435

Year 1115.

"

"

Date ۱۱۱۵

Æ 65

~~~~~

## XXIII.—AḤMAD III.

A.H. 1115—1143.

## CONSTANTINOPLE.

## GOLD.

*Obv.**Rev.**(Ornamental Piece.)*

436

Accession.

*Formula B.*

Tughrá.

عز نصره ضرب فی

قسطنطينية

۱۱۱۵

*(Set in collar, with ring.) N° 175, Wt. 4408*

Sequin F.

437—440

Same.

"

"

*Pierced. N° 170, Wt. 537**Twice pierced. N° 175**Thrice pierced. N° 171**N° 179, Wt. 537*



## SILVER.

## Piastre.

Obv.

441, 442

Rev.

Accession.

Formula B.

Tughrá.

Beneath, ح

ضرب فی  
قسطنطينية

۱۱۱۵

Pl. VII. ♂ 1'55, Wt. 415

♂ 1'45, Wt. 389

Zolota.

443

Same.

”

السلطان

Beneath, ه

احمد بن محمد خان

دام ملكه ضرب فی

قسطنطينية

۱۱۱۵

Pl. VII. ♂ 1'45, Wt. 389

444, 445

”

”

Beneath (444), ه

Beneath (445), د

♂ 1'45, Wt. 393

♂ 1'5, Wt. 309

Oto.

Dev.

446

Accession.

*Formula B.*

Similar to (448).

Beneath, 3

(Opper, once plated ?) AB 1'45

Yigirmlik.

447

Same.

Similar to (441.)

"

Beneath, nothing.

PL. VII. AB 1'15, Wt. 198

448

"

Beneath, ح

"

AB 1'15, Wt. 204

Onbeahlik.

449

Same.

Similar to (448.)

"

Beneath, A

PL. VII. AB 1'15, Wt. 165

450

"

Beneath, عد

"

AB 1'15, Wt. 150

Onlik.

451

Same.

Similar to (441).

"

ابن over

Beneath, nothing.

PL. VII. AB 1'15, Wt. 100

*Obv.**Rev.*

452

Accession.

*Formula B.*

Similar to (441).

ابن over ج

B 7, Wt. 60

453

"

"

ابن over س

B 76

454

"

"

ابن over ص

B 7

**Beshlik.**

455, 456

Same.

"

"

Same letter.

Pl. VII. B 76, Wt. 53

B 76, Wt. 56

**Para.**

457

Same.

Tughrá.

ضرب فی

قسطنطينية

5 1115

Pl. VII. B 7, Wt. 7

<i>Obv.</i>	<i>Rev.</i>
458	
Accession.	
Tughrá.	Similar to (457):
	د instead of س
	B. '6, Wt. 9
459	
"	"
	No letter.
	B. '6, Wt. 9
460	
"	"
	پ after date.
	Pierced. B. '55, Wt. 9
461	
"	"
	س after date.
	B. '55, Wt. 10
462	
"	"
	ق after date.
	B. '55, Wt. 10
Akcheh.	
463	
Same.	
"	"
	د after date.
	PL. VII. B. '4, Wt. 3
	Y

*Obv.**Rev.*

464

Accession.

Tughrá.

Similar to (457) :

ب after date.

B. '4, Wt. 3

465

"

"

را after date.

B. '4, Wt. 3

466

سلطان  
احمد بن  
محمد خان

عز نصره  
غرب في  
قسطنطينية

۱۱۱۵

Pierced. B. '45, Wt. 4

467

"

"

ر after date.

B. '45, Wt. 5

468

"

عز نصره صر  
قسطنطينية

۱۱۱۵

B. '4, Wt. 3

*Obv.*

469

*Rev.*

Accession.

Similar to (466).

Similar to (468).

B. 35, Wt. 3

470, 471

"

"

after date.

B. 35, Wt. 3

B. 35, Wt. 3

## ISLÁMBÓL.

GOLD.

Sequin F.

472

Accession.

Tughrá.

ضرب فی

اسلامبول

۱۱۱۵

Above, مد

Pierced. N. 75, Wt. 53

473

"

"

Above, ص (?)

PL. VII. N. 75

Half-Sequin F.

474

Same.

"

"

Above, مد

PL. VII. Pierced. N. 75, Wt. 26

## Sequin Zer Mahboob.

Obv.

Rev.

475

Year 1123.

Formula B.

Tughrá.

ابن over ع

عز نصره ضرب فی

اسلامبول

۱۱۲۳

PL. VII. N° 75, Wt. 40

## Half-Sequin Z. M.

476

Accession.

"

"

ابن over ص

Date ۱۱۱۵

PL. VII. N° 6, Wt. 20

## S I L V E R.

Para.

477

Accession.

Tughrá.

فی

اسلامبول

د ۱۱۱۵

Pierced. M° 5, Wt. 6

<i>Obv.</i>		<i>Rev.</i>
	478	
	Accession.	
Tughrá.		Similar to (477):
		ر after date.
		PL. VII. B. 5 Wt. 4
	479	
"		"
		و after date.
		R. 5 Wt. 6

## TIFLEES.

GOLD.

Sequin F.

480

	Accession.	
Tughrá.		ضرب فی
		تفلیس
		۱۱۱۵
		ح above (?)
		N 75, Wt. 64

## SILVER.

Onlik.

481

	Accession.	
Formula B.		Tughrá.
		ضرب فی
		تفلیس
		۱۱۱۵
		R 1'0, Wt. 82



ERIVÁN.

SILVER.

Onlik.

Obv.

Rev.

482

Accession.

Formula B.

Tughrá.

ضرب فی

[۱] روان

۱۱۱۵

Æ 1·0, Wt. 85

KENJEH.

SILVER.

Onlik.

483

Accession.

Tughrá.

ضرب فی

کنجه

۱۱۱۵

Above, م

Pl. VIII. Æ 1·1, Wt. 82

TEBREEZ.

SILVER.

Onlik.

484

Accession.

Tughrá.

ضرب فی

تبریز

۱۱۱۵

Above, ی

At 1·0, Wt. 82

*Obv.**Rev.*

485

Accession.

*Formula B:*

ابن over ی

Tughrá.

ضرب فی

تبریز

۱۱۱۵

B. '95, Wt. 79

Beshlik.

486

Date obliterated.

"

"

Pierced. B. '8, Wt. 36

EGYPT.

GOLD.

Sequin F.

487

Accession.

*Formula B:*

ابن over ص

Tughrá.

عز نصره ضرب فی

مصر سنة

۱۱۱۵

Pierced. N. '95, Wt. 53

488, 489

"

"

ابن over Nothing

Pierced. N. '9, Wt. 53

N. '85, Wt. 54

*Obv.**Rev.*

489a

Accession.

Tughrá.

ضرب في

مصر

سنة

١١١٥

N° 75, Wt. 53

## SILVER.

Para.

490, 491

Accession.

[سلطان]

عز نصر[ه]

احمد بن

ضرب مصر[و]

محمد خا[ن]

١١١٥

Pierced. B. '65, Wt. 8

Pierced. B. '6, Wt. 14

492, 493

Same.

Tughrá.

ضرب في

مصر

سنة

١١١٥

PL. VIII. Pierced B. '6, Wt. 8

Pierced. B. '55, Wt. 6

## COPPER.

Obv.

494, 495

Rev.

Accession.

Tughrá.

فی

مصر

۱۱۱۵

M 75

M 8

## TRIPOLI.

## COPPER.

496

Accession.

السلطان

احمد خان ابن

السلطان محمد

خان

ضرب فی

طرابلس

غرب

۱۱۱۵

M 95

497

” (بن)

”

M 98

## TUNIS.

## GOLD.

## Half-Sequin F.

*Obv.**Rev.*

498

Year 1140.

السلطان  
احمد بن محمد  
خان  
عز نصره

ودام  
ملكه ضرب في  
تونس ١١٤٠

PL. VIII. *Twice pierced.* *N* 75, *Wt.* 24

## SILVER.

Onlik.

499

Year 1140.

سلطان  
البرين وخاقان  
البحرين السلطان  
١١٤٠ احمد

بن محمد  
خان عز نصره  
ضرب في  
تونس

*R.* 95, *Wt.* 88

500

"

"

Beneath, ١١٤٠

*Pierced.* *R.* 95, *Wt.* 90

501

Year 1141.

"

Similar to (499).

Date ١١٤١, at left of احمد

*R.* 95, *Wt.* 90

# XXIII.—MAHMOOD I.

A.H. 1143—1168.

ISLÁMBÓL.

GOLD.

Six Sequin Piece Z.M. (1)

*Obv.*

*Rev.*

502

Accession.

Tughrá.

ضرب فی

اسلامبول

۱۱۴۳

Above, ع

(Broad ornamented border.) Pierced. *N* 1'8, Wt. 244

Double Sequin Z.M.

503

Same.

”

”

(Broad ornamented border.) Pierced. *N* 1'2, Wt. 75

504

”

”

Above, ع

(Border of buds.) Pierced. *N* 1'1, Wt. 80

*Obv.**Rev.*

505

Accession.

Tughrá.

Similar to (502):

Above, ص

(Ornamented border.) Pierced. *N* 106, *Wt.* 80

506

"

"

Above, م

*N* 96

507

"

"

(Plain.) Pierced. *N* 96, *Wt.* 67

Sequin F.

508

Same.

"

"

Above, ص

(Ornamented.) Pierced. *N* 75, *Wt.* 58

Half-Sequin F.

509

Same.

"

"

Above, ص

*N* 55, *Wt.* 27

510

"

"

Above, م

Pierced. *N* 55, *Wt.* 27

Sequin Z.M.

*Obv.*

*Rev.*

511, 512

Accession.

*Formula B:*

Ṭughrá.

ابن over ع

عز نصره ضرب فی

اسلامبول

۱۱۴۳

*N* 75, Wt. 40

*N* 75, Wt. 40

513

"

"

ابن over م

*N* 75, Wt. 40

Half-Sequin Z.M.

514, 515

Same.

"

"

*Twice-pierced. N* 7, Wt. 20

*Pierced. N* 7, Wt. 20





## CONSTANTINOPLE.

## SILVER.

## Piastre.

*Obv.*

516, 517

*Rev.*

Accession.

*Formula B:*

ابن over عا

Tughrá.

ضرب فی  
قسطنطينية

۱۱۴۳

Æ 1·6, Wt. 363

Æ 1·5, Wt. 363

518

”

”

ابن over ع

Æ 1·5, Wt. 366

519

”

”

ابن over ق

Æ 1·55, Wt. 371

## Zolota.

520

Same.

”

”

ابن over عا

Æ 1·45, Wt. 289

**Yigirmlik.**

<i>Obv.</i>		<i>Rev.</i>
	521	
	Accession.	
<i>Formula B:</i>		Same as (516).
ابن over عا		Æ 12, Wt. 186
	522, 523	
ابن over ق		Æ 12, Wt. 180 Æ 12, Wt. 176

**Onlik.**

	524	
	Same.	
”	”	
ابن over ص		Æ 10, Wt. 97
	525	
”	”	
ابن over عا		Æ 96, Wt. 91

**Beshlik.**

	526	
	Same.	
”	”	
ابن over ع		Æ 75, Wt. 49
	527	
”	”	
ابن over عا		Æ 75, Wt. 39

<i>Obv.</i>		<i>Rev.</i>
	528	
	Accession.	
<i>Formula B:</i>		Same as (516).
ابن over عب		<i>Pierced.</i> <i>R</i> 75, <i>Wt.</i> 40
	529	
"		"
ابن over ق		<i>Pierced.</i> <i>R</i> 8, <i>Wt.</i> 39
	<i>Para.</i>	
	530	
	Same.	
Ṭughrá.		ضرب فی قسطنطنینیه ۳۴۱ ص
		<i>R</i> 65, <i>Wt.</i> 10
	531, 532	
"		"
		عا after date.
		<i>R</i> 65, <i>Wt.</i> 13
		<i>Pierced.</i> <i>R</i> 65, <i>Wt.</i> 9
	533	
"		"
		ق after date.
		<i>R</i> 6, <i>Wt.</i> 9
	<i>Akoheh.</i>	
	534	
	Same.	
"		"
		را after date.
		<i>Pierced.</i> <i>R</i> 45, <i>Wt.</i> 8

*Obv.*

*Rev.*

535, 536

Accession.

Tughrá.

Same as (530):

ca after date

Æ 45

Æ 45, Wt. 3

537

"

"

ca after date.

Æ 45, Wt. 3

KENJEH.

SILVER.

Beshlik.

538

Accession.

Tughrá.

ضرب فی

کنجه

۱۱۴۳

Æ 7, Wt. 43

TIFLEES.

SILVER.

Onlik.

539

Accession.

Tughrá.

ضرب فی

تفلیس

۱۱۴۳

Æ 85, Wt. 84

A A

## DIYÁRBEKR.

## COPPER.

*Obv.**Rev.*

540

Year 1146(?)

سلطان

مصطفى

البرين وخاقان

خان عز نصره

البحرين السلطان

ضرب في

محمود بن

1146 (?)

امد

ET

## EGYPT.

## GOLD.

## Triple Sequin Z.M.

541

Accession.

*Formula B.*

Tughrá: at left يا

ابن over ع

عز نصره ضرب في

مصر سنة

1143

Sequin Z. M.

*Obv.*

*Rev.*

542

Accession.

*Formula B:*

Similar to (541):

این over راع

یا without

*Pierced. N 10, Wt. 39*

543

"

"

این over ع

*Pierced N 10, Wt. 39*

544

"

"

Ornament over این

*Pierced. N 10*

545

"

"

At left of Tughrá, ➤

*Pierced. N 95*

546

"

"

At left, م

*Pierced. N 95*

547

"

"

این over را

At left, د

*N 7, Wt. 40*

*Obv.**Rev.*

548

*Formula B :*

Similar to (541).

ابن over ص

Nothing at left.

*Pierced. N° 85, Wt. 30*

549

Accession.

”

”

ابن over ع

*N° 8, Wt. 40*

Half-Sequin Z. M.

550

Same.

”

”

*Pierced. N° 7, Wt. 19*

Sequin F.

551

Accession.

Tughrá.

م  
 ضرب فی  
 مصر  
 سنة  
 ١١٤٣ س

*Pierced. N° 10, Wt. 53*

552

”

”

Without س

*Pierced. N° 75, Wt. 53*

Half-Sequin F.

*Obv.*

*Rev.*

553

Same.

Tughrá.

Similar to (551):

At left of date, ن

*N* '65, *Wt.* 26

SILVER.

*Para.*

554

Accession.

"

"

Nothing at left of date,

but above ***

*R* '6, *Wt.* 6

555

"

"

Above, نى

*Pierced.* *R* '7, *Wt.* 9

556

"

"

Above, عبد

*Pierced.* *R* '65, *Wt.* 9

557

"

"

Above, ه (?)

*Pierced.* *R* '65



## TRIPOLI.

## COPPER.

*Obv.**Rev.*

558

No year.

Around arabesque,

سلطان محمود خان] .....  
.....

ضرب فی

طرابلس

غرب

Æ 75

## TUNIS.

## SILVER.

Onlik.

559

Year 1148.

سلطان  
البرین وخاقان  
البحرین السلطان  
محمود بنمصطفى  
خان عز نصره  
ضرب فی  
۱۱۴۸  
تونس

Æ 9, Wt. 77

580

Year 1150.

”

”

Date, ۱۱۵۰.

Æ 95, Wt. 92

[Two Para piece ?]

*Obv.*

*Rev.*

561, 562

Year 1152.

سلطان

محمود

۱۱۵۲

ضرب فی

تونس

*R. 6, Wt. 18*

*R. 55, Wt. 16*

563

Year 1163.

"

"

Date ۱۱۶۳

*Pl. VIII. R. 55, Wt. 15*

564

Year 1164.

"

"

Date ۱۱۶۴

*Gilt. R. 55, Wt. 16*

565

Year 1166.

"

"

Date ۱۱۶۶

*R. 55*

566

Year 1167.

"

"

سنة

Date ۱۱۶۷, beneath.

*Pierced. R. 55*

## COPPER.

*Obv.**Rev.*

567

Year 1157.

تونس

١١٥٧

سنة

. . . . .

Æ 55

[Probably Tunis.]

568

Year 1151.

سلطان

١١٥١

محمود

ضرب

. . . . .

Æ 45

## ALGIERS.

## GOLD.

Half-Sequin F.

569

Accession.

سلطان

وابده

محمود خان

ضرب فی

عز نصره

جزایر

١١٤٣

AT 65 Wt. 27

*Obv.*

*Rev.*

570

Year 1147.

Similar to (569).

Similar to (569).

Date 1147

Pl. VIII. N° 7, Wt. 26

571

Year 1162.

"

"

Date 1162

Pierced. N° 7

572

Year 1163.

"

"

Date 1163

Pierced. N° 7

Quarter-Sequin F.

573

Year 1144.

سلطان

فر

محمود

زائر

1144

N° 5, Wt. 13

574

Year 1148.

"

"

Date 1148

Pl. VIII. N° 46, Wt. 13

B B

*Obs.**Rev.*

575

Year 1166.

Similar to (573).

Similar to (573).

Date 1157

*Twice-pierced. N 45.*

576

Year 1166.

"

"

Date 1177

*Twice-pierced. N 45, W 13.*

~~~~~

XXV.—'OTHMÁN III.

A.H. 1168—1171.

ISLÁMBÓL.

GOLD.

Quadruple Sequin Z.M.

*Obv.**Rev.*

577

Accession.

Tughrá.

ضرب فی
اسلامبول

۱۱۶۸

Above, =

(Border of buds.)

Pierced. *N* 1·5, Wt. 150

577a.

Double Sequin.

"

"

(Broad ornamented border.)

Pierced. *N* 1·25, Wt. 77

578

"

"

(Border of buds.)

Pierced. *N* 1·1, Wt. 81

Half-Sequin Z.M.

579

Same.

Formula B:

ابن over با

Tughrá.

عز نصره ضرب فی
اسلامبول

۱۱۶۸

Pierced. *N* 7, Wt. 20

CONSTANTINOPLE.

SILVER.

| <i>Obv.</i> | <i>Plastre.</i> | <i>Rev.</i> |
|-------------------|-----------------|---|
| | 580 | |
| | Accession. | |
| <i>Formula B:</i> | | Ṭughrá. |
| ابن over ما | | ضرب في
قسطنطينية
1168 |
| | | <i>R</i> 15, <i>Wt.</i> 365 |
| | Onlik. | |
| | 581 | |
| | Same. | |
| " | | " |
| ابن over ح | | |
| | | <i>R</i> 10, <i>Wt.</i> 73 |
| | Beshlik. | |
| | 582 | |
| | Same. | |
| " | | " |
| ابن over ح | | |
| | | <i>R</i> 125, <i>Wt.</i> 43 |
| | Para. | |
| | 583 | |
| | Same. | |
| Ṭughrá. | | ضرب في
قسطنطينية
1168 ص |
| | | <i>Pierced.</i> <i>R</i> 35, <i>Wt.</i> 9 |
| | 584 | |
| " | | " |
| | | ما after date. |
| | | <i>Pierced.</i> <i>R</i> 45, <i>Wt.</i> 2 |

E G Y P T.

G O L D.

Double Sequin Z.M.

Obv.

Rev.

585

Accession.

Formula B:

Tughrá.

ابن over ص

عز نصره ضرب في

مصر سنة

١١٦٨

At left of Tughrá, ع

(Dinged.) *N* 135, Wt. 82

Half-Sequin Z.M.

586

Same.

”

”

ابن over ص

Without ع

Twice-pierced. N '8, Wt. 18

587

”

”

ابن over ص

Pierced. N '8, Wt. 19

TRIPOLI.

COPPER.

*Obv.**Rev.*

588

Accession.

سلطان

...

خان

طرابلس

.....

۱۱۶۸

Ornament in centre.

Æ 5

ALGIERS.

GOLD.

Half-Sequin F.

580

Year 1170.

سلطان

وايده

عثمان خان

ضرب فی

عز نصره

جزایر

۱۱۷۰

N 7, Wt. 20

XXVI.—MUŞTAFÁ III.

A.H. 1171—1187.

ISLÁMBÓL.

GOLD.

Quadruple Sequin Z.M.

Obv.

Rev.

590

Year [117]9.

Tughrá.

۹
ضرب فی
اسلامبول
۱۱۷۱

Twice-pierced. N 1'4, Wt. 150

Double Sequin Z.M.

591

Year [117]8.

"

"

Above, A

Pierced. N 1'15, Wt. 74

592

Year [117]9.

"

"

Above, ۹

Twice-pierced. 1'15, Wt. 71

*Obv.**Rev.*

593

Year [11]80.

Tughrá.

Similar to (590):

Above, A.

Pierced. N 1'15, Wt. 75

594

Year [11]81.

"

"

Above, A |

Twice-pierced. N 1'2, Wt. 71

Sequin F.

595

Year [117]3.

"

"

Above, r

N 7, Wt. 54

596

Year [117]5.

"

"

Above, d

N 7'5, Wt. 55

597

Year [117]6.

"

"

Above, y

N 7'5, Wt. 54

Obv.

Rev.

598

Year [117]7.

Ṭughrá.

Similar to (590):

Above, √

Pierced. N° 8

Half-Sequin F.

599

Year [117]1.

”

”

Above, |

N° 65. Wt. 27

600

Year [117]7.

”

”

Above, √

N° 65. Wt. 27

Sequin Z.M.

601

Year [117]7.

Formula B:

Ṭughrá.

√ over ابن

عز نصره ضرب فی

اسلامبول

۱۱۷۱

N° 75. Wt. 40

602

Year [117]8.

”

”

Λ at right of last line.

N° 8

C O

| <i>Obv.</i> | | <i>Rev.</i> |
|---------------------------------------|------------------|-------------------------------|
| | 603 | |
| | Year [11]84. | |
| <i>Formula B:</i> | | Similar to (601). |
| Λ <sup>c</sup> at right of last line. | | <i>Pierced. N '8, Wt. 30</i> |
| | Half-Sequin Z.M. | |
| | 604 | |
| | Year [117]7. | |
| " | | " |
| ∨ at right. | | <i>Pierced. N '65, Wt. 10</i> |
| | 605 | |
| | Year [11]81. | |
| " | | " |
| Λ \| at right. | | <i>Twice-pierced. N '7</i> |
| | 606 | |
| | Year [11]82. | |
| " | | " |
| Λ <sup>r</sup> at right. | | <i>Pierced. N '7</i> |
| | 607 | |
| | Year [11]84. | |
| " | | " |
| Λ <sup>c</sup> at right. | | <i>Pierced. N '7</i> |
| | 608 | |
| | Year [11]85. | |
| " | | " |
| Λ <sup>d</sup> at right. | | <i>N '75, Wt. 20</i> |

Obv.

Rev.

609

Year [11]86.

Formula B :

Similar to (601).

۸۶ at right of last line.

Pierced. N 7

S I L V E R.

Altmişlik.

610

Year [117]8.

Formula B :

السلطان

۸ over ابن

مصطفى ابن احمد خان

دام ملكه ضرب في

اسلامبول

۱۱۷۱

R 175, Wt. 445

Piastre.

611

Year [117]6.

Tughrá.

ضرب في

اسلامبول

۱۱۷۱

R 175, Wt. 297

*Obv.**Rev.*

612

Year [11]82.

Tughrá.

Similar to (611).

Above, ʾʿ

R 1'5, Wt. 292

613

Year [11]83.

"

"

Above, ʾʿ

R 1'5, Wt. 306

614

Year [11]84.

"

"

Above, ʾʿ

R 1'5, Wt. 288

615

Year [11]85.

"

"

Above, ʾʾ

R 1'5, Wt. 296

Zolota.

616

Year [11]85.

Formula B:

Similar to (610).

ʾʾ over ابن

R 1'45, Wt. 235

Obv.

Rev.

617

Year [11]86.

Formula B:

Similar to (610).

۸۶ over ابن

Æ 1.46, Wt. 212

618

Year [11]87.

”

”

۸۷ over ابن

Æ 1.46, Wt. 228

Yigirmlik.

619

Year [117]4.

Tughrá.

Similar to (611).

Above, ۛ

Æ 1.3, Wt. 142

620

Year [11]85.

”

”

Above, ۸۵

Æ 1.26, Wt. 148

Onbeshlik.

621

Year [117]2.

Formula B:

Similar to (610).

۲ over ابن

Æ 1.1, Wt. 103

*Obv**Rev.*

Onlik.

622

Year [117]7.

Tughrá.

Similar to (611).

Above, v

R 95, Wt. 68

623

Year [11]80.

"

"

Above, ^°

R 95, Wt. 69

624

Year [11]81.

"

"

Above, ^ |

R 95, Wt. 65

625

Year [11]83.

"

"

Above, ^~

Pierced. R 95

Obv.

Rev.

Beshlik.

626

Year [117]1.

Ṭughrá.

Similar to (611).

Above, |

B. 3, Wt. 37

627

Year [11]81.

"

"

Above, ^ |

Pierced. B. 3

P a r a.

628

Year [117]1.

"

"

Above, |

B. 3, Wt. 3

629

Year [11]84.

"

"

Above, ^c

B. 3

630

Year [11]85.

"

"

Above, ^d

B. 3, Wt. 3

*Obv.**Rev.*

631

Year [117]7.

سلطان
مصطفى بن
احمد خان
v

عز نصره
ضرب فی
اسلامبول
||v|

Pierced. B. 5, Wt. 4

632

Year [11]80.

"
But beneath, A.

"

*B. 5, Wt. 6***Akoheh.**

633

Year [11]80.

Tughrá.

۸۰ فی
اسلامبول
||v|

B. 45, Wt. 3

634

Year [11]81.

"

"

Above, A|

*B. 45, Wt. 3***ALEPPO.****COPPER.**

635

Accession.

Tughrá.

ضرب فی
حلب
||v|

B. 3

B A G H D Á D.

C O P P E R.

Obv.

Rev.

686

No date.

Ṭughrá.

ضرب فی
بغداد

Pierced. E 6

E G Y P T.

G O L D.

Double Sequin Z.M.

687

Accession.

Formula B :

Ṭughrá.

ابن over مهر

عز نصره ضرب فی
مصر سنة
١١٧١

N 1'2, Wt. 80

D D

Sequin Z.M.

*Obv.**Rev.*

638

Accession.

Similar to (637):

Similar to (637).

N 75, Wt. 40

SILVER.

Para.

639

Accession.

Tughrá.

ضرب فی

— — —

سنة

۱۱۷۱

B. 6, Wt. 4

640

Year [117]2.

"

"

But above, r

B. 6

641

Year [11]82.

"

"

Above, Ar

B. 6

Obv.

Rev.

642

Year [11]87.

Tughra.

Similar to (639).

Above, ΛV

Λ 6

COPPER.

643

Year [11]85.

"

"

Above, Λδ

Λ 7

GOVERNMENT OF 'ALEE BEY IN EGYPT.

A.H. 1182—1186=A.D. 1768—1772.

G O L D.

Double Sequin Z.M.

Obv.

Rev.

644

Year [11]86.

Formula A:

سلطان مصطفى

البحر after ٨٦

بن احمد خان عز نصره ضرب في

مصر سنة

١١٧١

Pierced. *N* 135, Wt. 80

Sequin Z.M.

645

Year [11]83.

"

"

البحر after ٨٣

Above, عا

Pl. VIII. Pierced. *N* 85, Wt. 30

646

Year [11]86.

"

"

البحر after ٨٦

Without عا

Pierced. *N* 8, Wt. 27

SILVER.

Piastre.

Obv.

647

Rev.

Year 1188.

Tughrá of Sultán.

تغرایی
 —————
 سنة
 ١١٨٣

(The ب of ضرب serves for the
 ی of علی.)

Æ 1'45, Wt. 225

Yigirmlik.

648

Year 1188.

”

”

PL. VIII. Æ 1'15, Wt. 105

TRIPOLI.

GOLD.

Sequin F.

Obv.

649

Rev.

Accession.

Formula A:

but النصر for الظفر .

Above, crescent within circle.

سلطان

مصطفى بن احمد

خان عز نصره

ضرب غرب في

طرابلس

||v|

N° 9, Wt. 53

COPPER.

650

No date.

سلطان

مصطفى

خان

بلو .

طرا

غ . .

Æ 6

651

No date.

”

طرا

بلس

Within hexagram.

Æ 6

TUNIS.

GOLD.

Sequin Z.M.

Obv.

Rev.

652

Year 1181.

سلطان
البرين وخاقان
البحرين السلطان
مصطفى خان
عز نصره

صوب في
تونس
١١٨١

N° 8, *Wt.* 30

658

Same.

سلطان
البرين والبحرين
السلطان مصطفى
خان عز نصره

”

N° 75, *Wt.* 40

Half-Sequin Z.M.

654

Year 1185.

”

”

Date ١١٨٥ above, instead
of below.

N° 6, *Wt.* 20

COPPER.

| <i>Obv.</i> | | <i>Rev.</i> | |
|-------------|------------|-------------|------|
| | 655 | | |
| | Accession. | | |
| سلطان |  | \|\|v\| |  |
| مصطفى | | ضرب في | |
| خان | | تونس | Æ 75 |
| | 656 | | |
| | Year 1172. | | |
| " | | " | |
| | | Above, \|\|v\| | Æ 75 |
| | 657 | | |
| | Year 1173. | | |
| " | | " | |
| | | Below, \|\|v\| | Æ 75 |
| | 658 | | |
| | Year 1174. | | |
| " | | " | |
| | | Below, \|\|v\| | Æ 75 |
| | 659 | | |
| | Same. | | |
| " | | " | |
| | | Below, \|\|v\| | Æ 75 |
| | 660 | | |
| | Year 1175. | | |
| " | | " | |
| | | Below, \|\|v\| | Æ 75 |

| <i>Obv.</i> | | <i>Rev.</i> | |
|-------------------|------------|-------------------|------|
| | 661 | | |
| | Year 1176. | | |
| Similar to (655). | | Similar to (655). | |
| | | Below, \| \| v \| | E 8 |
| | 662 | | |
| | Year 1177. | | |
| " | | " | |
| | | Below, \| \| v v | E 8 |
| | 663 | | |
| | Year 1178. | | |
| " | | " | |
| | | Below, \| \| v ^ | E 85 |
| | 664 | | |
| | Year 1180. | | |
| " | | " | |
| | | Below, \| \| ^ . | E 8 |
| | 665 | | |
| | Year 1186. | | |
| " | | " | |
| | | Above, \| \| ^ \| | E 9 |
| | 666 | | |
| | Year 1187. | | |
| " | | " | |
| | | Above, \| \| ^ v | E 85 |
| | 667 | | |
| | Year 1188. | | |
| " | | " | |
| | | Above, \| \| ^ ^ | E 85 |
| | | E E | |

| <i>Obv.</i> | <i>Small Size.</i> | <i>Rev.</i> | |
|-------------|--------------------|-------------|-------|
| | 668 | | |
| سلطان | Year 1172. | ضرب فی | |
| مصطفی | . | تونس | |
| | | ۱۱۷۲ | AE 55 |
| | 669 | | |
| | Year 1173. | | |
| " | | " | |
| | | ۱۱۷۳ | AE 55 |
| | 670 | | |
| | Year 1174. | | |
| " | | " | |
| | | ۱۱۷۴ | AE 5 |
| | 671 | | |
| | Year 1175. | | |
| " | | " | |
| | | ۱۱۷۵ | AE 55 |
| | 672 | | |
| | Year 1178. | | |
| " | | " | |
| | | ۱۱۷۸ | AE 55 |
| | 678 | | |
| | Year 1178. | | |
| ضرب | | ۱۱۷۳ فی | |
| | | تونس | AE 5 |

ALGIERS.

SILVER.

Onlik.

Obv.

Rev.

674

Year 1172.

سلطان
مصطفى خان
عز نصره

ضرب فی
جزایر
۱۱۷۲

enclosed in octagram.

Æ 6, Wt. 53

675

Year 1182.

"

"

۱۱۸۲

No octagram.

Æ 65, Wt. 53

Beshlik.

676

Year 1173.

سلطان
مصطفى

"

۱۱۷۳

enclosed in octagram.

Pl. VIII. Æ 65

677

Year 1185.

"

"

۱۱۸۵

No octagram.

Æ 7, Wt. 36

~~~~~

<i>Obv.</i>	<i>Small Size.</i>	<i>Rev.</i>	
	668		
	Year 1172.		
سلطان		ضوب فی	
مصطفی		تونس	
		۱۱۷۲	
			Æ 55
	669		
	Year 1178.		
"		"	
		۱۱۷۳	
			Æ 55
	670		
	Year 1174.		
"		"	
		۱۱۷۴	
			Æ 5
	671		
	Year 1175.		
"		"	
		۱۱۷۵	
			Æ 55
	672		
	Year 1178.		
"		"	
		۱۱۷۸	
			Æ 55
	678		
	Year 1178.		
ضرب		فی ۱۱۷۳	
		تونس	
			Æ 5

ALGIERS.

SILVER.

Onlik.

*Obv.*

*Rev.*

674

Year 1172.

سلطان  
مصطفى خان  
عز نصره

ضرب فی  
جزایر  
۱۱۷۲

enclosed in octagram.

R. 3, Wt. 53

675

Year 1182.

"

"

۱۱۸۲

No octagram.

R. 35, Wt. 53

Beshlik.

676

Year 1178.

سلطان  
مصطفى

"  
۱۱۷۸

enclosed in octagram.

Pl. VIII R. 35

677

Year 1185.

"

"

۱۱۸۵

No octagram.

R. 7, Wt. 26

~~~~~


XXVII.—'ABD-EL-HAMEED I.

A.H. 1187—1203.

ISLÁMBÓL.

GOLD.

Double Sequin Z.M.

*Obv.**Rev.*

678

Year of reign 1 (1187).

Tughrá.

ضرب فی
اسلامبول

۱۱۸۷

N 12, Wt. 80

679

Year of reign 7 (1193).

"

"

Above, v

Pierced. N 125, Wt. 70

680

Year of reign 10 (1196).

"

"

Above, |.

Pierced. N 12

Obv.

Rev.

681

Year of reign 11 (1197).

Similar to (678).

Similar to (678).

Above, | |

Pierced, N 13

682

Year of reign 15 (1201).

"

"

Above, | 5

Pierced, N 115

Sequin Z.M.

683

Year of reign 2 (1188).

Formula B:

Tughrá.

ابن over ۲

عز نصره ضرب فی
اسلامبول

۱۱۸۷

N 9, Wt. 40

684

Year of reign 5 (1191).

"

"

ابن over 5

Pierced, N 9

*Obv.**Rev.*

685

Year of reign 8 (1194).

Similar to (678).

Similar to (678).

⁸ over ابن

N 85

686

Year of reign 9 (1195).

"

"

⁹ over ابن

Pierced. N 9

Half-Sequin Z.M.

687

Year of reign 1 (1187).

"

"

¹ over ابن

Pierced. N 75

688

Year of reign 2 (1188)

"

"

² over ابن

N 75, *Wt.* 20

Quarter-Sequin F.

689

Year of reign 2 (1188).

Ṭughrá.

ضرب فی

اسلامبول

۱۱۸۷

Pierced. N 55

*Obv.**Rev.*

690

Year of reign 8 (1194).

Similar to (689).

Similar to (689).

Above, ^

Pierced. N° 55

691

Year of reign 10 (1196).

"

"

Above, | .

N° 55, Wt. 13

692

Year of reign 11 (1197).

"

"

Above, | |

Pierced. N° 55

693

Year of reign 12 (1198).

"

"

Above, | |

Pierced. N° 55

694

Year of reign 16 (1202).

"

"

Above, | |

Pierced. N° 55

CONSTANTINOPLE.

SILVER.

Altmişlik.

Obv.

Rev.

695

Year of reign 1 (1187).

Formula B:

السلطان

| over ابن

عبد الحميد بن احمد خان
 دار ملكه ضرب في
 قسطنطينية

| 187

Æ 17, Wt. 413

696

Year of reign 9 (1195).

"

"

9 over ابن

Æ 175, Wt. 426

697

Year of reign 11 (1197).

"

"

| | over ابن

Æ 175, Wt. 414

Piastre.

698

Year of reign 1 (1187).

"

Tughrá

| over ابن

ضرب في
 قسطنطينية

| 187

Æ 145, Wt. 205

*Obv.**Rev.*

699

Year of reign 2 (1188).

Similar to (695).

Similar to (698).

ابن over ٢

B. 1'5, Wt. 293

700

Same.

"

"

B. 1'45, Wt. 247

701

Year of reign 3 (1189).

"

"

ابن over ٣

B. 1'5, Wt. 293

702

Year of reign 10 (1196).

"

"

ابن over ١٠

B. 1'5, Wt. 273

708

Year of reign 13 (1199).

"

"

ابن over ١٣

B. 1'55, Wt. 274

Zolots.

704

Year of reign 1 (1187).

"

Similar to (695).

ابن over ١

B. 1'4, Wt. 224

F F

*Obv.**Rev.*

705

Year of reign 2 (1188).

Similar to (695).

Similar to (695).

ابن over ٢

B. 1'45, Wt. 224

Yigirmlik.

706

Year of reign 2 (1188).

"

Similar to (698).

ابن over ٢

B. 1'25, Wt. 148

Onlik.

707

Year of reign 2 (1188).

"

"

ابن over ٢

B. 1'45, Wt. 68

708

Year of reign 6 (1192).

"

"

ابن over ٦

B. 1'45, Wt. 68

709

Year of reign 9 (1195).

"

"

ابن over ٩

B. 1'45, Wt. 70

Obv.

Rev.

710

Year of reign 10 (1196).

Similar to (695).

Similar to (698).

١٠ over ابن

Pierced. B. 96

711

Year of reign 16 (1202).

”

”

١٦ over ابن

B. 96, Wt. 66

Beshlik.

712

Year of reign 2 (1188).

”

”

٢ over ابن

B. 76, Wt. 35

713

Year of reign 5 (1191).

”

”

٥ over ابن

B. 2, Wt. 37

714

Year of reign 9 (1195).

”

”

٩ over ابن

B. 3

*Obv.**Rev.*

715

Year of reign 14 (1200).

Similar to (695).

Similar to (698).

ابن over ١٤

B. 3

P a r a.

716

Year of reign 1 (1187).

Tughrá.

ضرب في
قسططنطينية

١١٨٧

B. 3, W. 3

717

Year of reign 2 (1188).

"

"

Above, 2

B. 3, W. 3

718

Year of reign 4 (1190).

"

"

Above, 4

B. 3

719

Year of reign 6 (1192).

"

"

Above, 6

B. 3

Obv.

Rev.

720

Year of reign 12 (1198).

Tughrā.

Similar to (716).

Above, | r

B. 3

Akcheh.

721

Year of reign 2 (1188).

"

"

Above, r

B. 45, Wt. 2

722

Year of reign 3 (1189).

"

"

Above, r

B. 45, Wt. 2

723

Year of reign 11 (1197).

"

"

Above, | |

B. 45

724

Year of reign 13 (1199).

"

"

Above, | r

B. 45

*Obv.**Rev.*

725

Year of reign 14 (1200).

Tughrá.

Similar to (716).

Above, ١٤

B 145

COPPER.

726

Year of reign 1 (1187).

Similar to (698).

Similar to (698).

١ over ابن

B 115

727

Year of reign 2 (1188).

"

"

٢ over ابن

B 115

BAGHDÁD.

SILVER.

Onlik.

728

Year of reign 9 (1195).

السلطان

ضرب في

عبد

بغداد

الحميد

سنة

خلع

١١٨٧

Beshlik.

Obv.

Rev.

729

Year of reign 9 (1195).

Similar to (728).

Similar to (728).

Br '85, Wt. 33

E G Y P T.

G O L D.

Sequin Z.M.

730

Year of reign 2 (1188).

Formula B.

Tughrá.

ابن over ٢

عز نصره ضرب في

مصر سنة

١١٨٧

Flowed. N 1'1, Wt. 30

731

Same year.

..

السلطان

عبد الحميد بن احمد خان

عز نصره ضرب في

مصر سنة

١١٨٧

N '85, Wt. 40

Half-Sequin Z.M.

*Obv.**Rev.*

732

Same year.

Similar to (730).

Similar to (731).

N<sup>o</sup> 2, Wt. 20

SILVER.

Para.

733

Accession (1187).

Tughrá.

ضرب فی

مصر

سنة

١١٨٧

B<sup>o</sup> 6, Wt. 7

734

Same.

"

"

Uncertain sign above.

B<sup>o</sup> 6

T R I P O L I.

G O L D.

Sequin Z.M.

*Obv.**Rev.*

785

Year of reign 7 (1198).

Formula B.

Tughrá.

At right of lowest line, √

ضرب فی

طرابلس

غرب

|| ٨٧

Pl. VIII. A' 85, Wt. 39

S I L V E R.

Piastre.

786

Same.

"

"

Æ 1'5, Wt. 284

C O P P E R.

787

Year of reign 1188.

Within octogram, سلطان

Within triangle, طرابلس

عبد

غرب

الحמיד

outside, in segments, || | ٨ | ٨

Pl. VIII. Æ 3

G G

*Obv.**Rev.*

788

Same year.

Same as *Rev.*

Similar to (787).

Æ 9

T U N I S.

G O L D.

Half-Sequin Z.M.

789

Year 1188.

سلطان
البرين والبحرين
السلطان عبد الحميد
خان عز نصره

ضرب في
تونس
١١٨٨

Æ 6, Wt. 20

740

Year 1189.

"

"

Date ١١٨٩

Æ 55

C O P P E R.

741

Year 1198.

سلطان البرين
وخاقان البحرين
السلطان عبد الحميد
خان عز نصره

ضرب في
تونس
١١٩٨
سنة

Æ 135

Obv.

Rev.

Small Size.

742

Year 1188

سلطان
عبد الحميد [يد]
خان

١١٨٨
ضرب في
تونس

Æ 85

743

Year 1198 ?

"

"

Date 119 >

Æ 8

ALGIERS.

GOLD.

Sequin F.

744

Year 1190.

Formula B.

السلطان
عبد الحميد خان
عز نصره ضرب في
جزاير ١١٩٠

N 2, Wt. 53

745

Year 1192.

"

"

Date 119 2

N 26, Wt. 52

*Obv.**Rev.*

746

Year 1194.

Same as (744).

Same as (744).

Date 1194

N 10

Quarter-Sequin F.

747

Year 1194.

سلطان
الحميد
عبدضرب في
جزاير
1194

N 55, Wt. 13

SILVER.

Onlik.

748

Year 1189.

سلطان
عبد الحميد خان
عز نصرهضرب في
جزاير
1189

N 8, Wt. 53

Obv.

Rev.

749

Year 1190.

Similar to (748).

Similar to (748).

Date 1191.

B 3, Wt. 52

750

Year 1196.

"

"

Date 1197

B 35

Beshlik.

751

Year 1191.

"

"

Date 1191

PL. VIII. B 7, Wt. 28

752

Year 1192.

"

"

Date 1192

Pierced. B 35

753

Year 1196.

"

"

Date 1197

B 7

XXVIII.—SELEEM III.

A.H. 1208—1222.

ISLÁMBÓL.

GOLD.

Double Sequin Z.M.

Obv.

754

Rev.

Year of reign 1 (1208).

Tughrá.

ا
ضرب فی
اسلامبول
۱۲۰۳

Thrice-pierced. N° 12, Wt. 65

Sequin Z.M.

755

Year of reign 6 (1208).

Formula B:

ابن over ٦

Tughrá.

عز نصره ضرب فی
اسلامبول
۱۲۰۳

N° 9, Wt. 37

Obv.

Rev.

756

Year of reign 8 (1210).

Similar to (755).

Similar to (755).

ابن over ٨

N 9

757

Year of reign 11 (1218).

"

"

ابن over ١١

N 86

758

Year of reign 12 (1214).

"

"

ابن over ١٢

N 85

Half-Sequin Z.M.

759

Year of reign 5 (1207).

"

"

ابن over ٥

N 7, Wt. 18

760

Year of reign 6 (1208).

"

"

ابن over ٦

Pierced. N 7

Sequin F.

Obv.

Rev.

761

Year of reign 1 (1203).

Tughrá.

ضرب فی
اسلامبول

In border, beneath, ۱۲۰۳

N 75, Wt. 53

762

Year of reign 2 (1204).

"

"

Above, ۲

N 75

Quarter-Sequin F.

763

Year of reign 1 (1203).

"

ضرب فی
اسلامبول

۱۲۰۳

Pierced. N 55, Wt. 13

764

Year of reign 3 (1205).

"

"

Above, ۳

N 55, Wt. 13

Obv.

Rev.

765

Year of reign 4 (1206).

Similar to (768).

Similar to (768),

Above, \leq

N '55

766

Year of reign 5 (1207).

" ..

"

Above, δ

N '6

767

Year of reign 6 (1208).

"

"

Above, γ

Pierced. N '6

768

Year of reign 7 (1209).

"

"

Above, ν

Pierced. N '55

769

Year of reign 9 (1211).

"

"

Above, η

At top, عز نصره

Pierced. N '55, Wt. 11

H H

*Obv.**Rev.*

770

Year of reign 10 (1212).

Similar to (763).

Similar to (763).

Above, 1.

At top, عز نصره

Twice-pierced. N 55, Wt. 10

771

Year of reign 11 (1213).

"

"

Above, 11

At top, عز نصره

Twice-pierced. N 55

772

Same year.

"

"

Without عز نصره

Pierced. N 55

773

Year of reign 12 (1214).

"

"

Above, 12

At top, عز نصره

Pierced. N 55

774

Year of reign 13 (1215).

"

"

Above, 13

At top, عز نصره

N 55

*Obv.**Rev.*

775

Year of reign 14 (1216)

Similar to (768).

Similar to (768).

Above, ١٤

At top, عز نصره

N° 6

776

Year of reign 16 (1218).

”

”

Above, ١٦

At top, عز نصره

Pierced. N° 55

777

Same year.

”

”

Without عز نصره

Twice-pierced. N° 6

778

Year of reign 17 (1219).

”

”

Above, ١٧

At top, عز نصره

Pierced. N° 6

*Obv.**Rev.*

779

Same Year.

Similar to (768).

Similar to (778).

Without عز نصره

Twice-pierced. N 8

780

Year of reign 18 (1220).

"

"

Above, ۱۸

Without عز نصره

Pierced. N 8

SILVER.

Yuzlik.

781

Year of reign 2 (1204).

Formula B:

Tughrá.

ابن over ۲

ضرب اسلامبول فی

۱۲۰۳

M 175, Wt. 500

782

Year of reign 4 (1206).

"

"

ابن over ۴

M 17, Wt. 400

*Obv.**Rev.*

783

Year of reign 5 (1207).

Similar to (781)

Similar to (781)

٥ over ابن

B 1'65, Wt. 489

784

Year of reign 8 (1210).

"

"

٨ over ابن

B 1'8, Wt. 500

785

Year of reign 10 (1212).

"

"

١٠ over ابن

B 1'8

786

Year of reign 12 (1214).

"

"

١٢ over ابن

B 1'8

787

Year of reign 15 (1217).

"

"

١٥ over ابن

B 1'8, Wt. 493

788

Year of reign 16 (1218).

"

"

١٦ over ابن

B 1'75

Altmişlik.*Obv.**Rev.*

789

Year of reign 2 (1204).

Tughrá.

ضرب فی
اسلامبول
۱۲۰۳

B 1'6, Wt. 387

790

Year of reign 8 (1205).

"

"

Above, ۳

B 1'65, Wt. 390

791

Year of reign 14 (1216).

"

"

Above, ۱۴

B 1'7, Wt. 389

Piastre.

792

Year of reign 1 (1208).

"

"

Above ۱

B 1'45, Wt. 192

Obv.

Rev.

793

Year of reign 4 (1206).

Similar to (789)

Similar to (789)

Above, \leq

R 1'45, *Wt* 191

794

Year of reign 5 (1207).

"

"

Above, \circ

R 1'5

Yigirmlik.

795

Year of reign 5 (1207).

"

"

Above, \circ

R 1'2, *Wt* 94

Onlik

796

Year of reign 1 (1203).

"

"

Above, \mid

Pierced. R '9

*Obv.**Rev.*

797

Year of reign 2 (1204).

Similar to (789)

Similar to (789)

Above, 1

B 3, Wt. 51

798

Year of reign 5 (1207)

"

"

Above, 6

B 3

799

Year of reign 16 (1218).

"

"

Above, 11

B 3

Beshlik.

800

Year of reign 5 (1207).

"

"

Above, 6

B 75, Wt. 34

*Obv.**Rev.*

801

Year of reign 6 (1208).

Similar to (789)

Similar to (789)

Above, ¶

B 75

802

Year of reign 8 (1210).

"

"

Above, ^

B 75

Para.

803

Year of reign 4 (1206).

"

"

Above, ⚡

Pierced. B 75

804

Year of reign 5 (1207).

"

"

Above, o

B 75, W 45

I I

*Obv.**Rev.*

805

Year of reign 11 (1213).

Similar to (789)

Similar to (789)

Above, | |

B. 6

806

Year of reign 12 (1214).

"

"

Above, | |

Pierced. B. 6

807

Year of reign 13 (1215).

"

"

Above, | |

Pierced. B. 6

Akcheh.

808

Year of reign 1 (1203).

"

"

Above, |

B. 44, W. 2

COPPER.

Obv.

Rev.

809

Year of reign 18 (1220).

Similar to (781):

Similar to (781).

ابن over ١٨

Æ 175

E G Y P T.

G O L D.

Half-Sequin Z.M.

810

Accession.

Formula B.

Tughrá.

ابن over P

عز نصره ضرب في

مصر سنة

١٢٠٣

Pierced. N 75, Wt. 19

811

Same.

ابن over اس

Pierced. N 75

SILVER.

Piastre.

*Obv.**Rev.*

812

Year of reign 16 (1218).

Tughrá.

١٦
ضرب فی
مصر
سنة
١٢٠٣

Æ 1'4, Wt. 174.

Yigirmlik.

813

Year of reign 13 (1215).

"

"

Above, ١٣

Æ 1'1, Wt. 108

Para.

814

Year of reign 7 (1209).

"

"

Above, √

Æ '55, Wt. 85

TRIPOLI.

G O L D.

Sequin F.

*Obv.**Rev.*

815

Year of reign 15 (1217).

Formula B :

١٥ over ابن

السلطان

سليم خان عز نصره

ضرب طرابلس في

غرب ١٢٠٣

N° 95, Wt. 53

816

Year of reign 17 (1219).

”

”

١٧ over ابن

N° 95

S I L V E R.

Yigirmlik.

817

Year of reign 14 (1216).

سلطان البوين

وخاقان البحرين

السلطان سليم

خان عز نصره

١٤

ضرب في

طرابلس

غرب

١٢٠٣

B 12, Wt. 116

Beshlik.

Obs.

Rev.

818

Accession.

سلطان
 سليم ابن
 مصطفى خان
 دام ملكه

Similar to (817):
 but without year of reign.

B 10, Wt. 20

819

Year 1210.

"

"

date, 1210

B 85, Wt. 24

820

Year obscure.

"

"

date, 1200

Pierced. B 85

TUNIS.

COPPER.

821

Year 1208.

سلطان الهمير
 وخاقان البحرين
 السلطان سليم
 خان عز نصره

ضرب في
 تونس
 1208

B 10

ALGIERS.

GOLD.

Half-Sequin F.

Obv.

Rev.

822

Year 1217.

سلطان
 سليم خان
 عز نصره

ضرب فی
 جزایر
 ۱۲۱۷

N 75, Wt. 26

Quarter-Sequin F.

823

Year 1213.

سلطان
 سليم خان

"
 Date ۱۲۱۳

Twice-pierced. N 85, Wt. 12

SILVER.

824

Onlik.

Year 1222.

سلطان
 سليم خان
 عز نصره

"
 within octagon,
 Date ۱۲۲۲

N 8, Wt. 51

Beshlik.

*Obv.**Rev.*

825

Year 1207.

Similar to (824).

{ Similar to (822).

Date 1207

B-4, Wt. 26

826

Year 1210.

"

"

Date 1210

B-7, Wt. 26

~~~~~

XXIX.—MUŞTAFÁ IV.

A. H. 1222—1223.

CONSTANTINOPLE.

G O L D.

Sequin F.

*Obv.*

*Rev.*

827

Year of reign 1 (1222).

Tughrá.

ضرب فی

قسطنطينية

۱۲۲۲

*N* 75, *Wt.* 49

Quarter-Sequin F.

828

Year of reign 2 (1223).

"

"

Above, ۲

*Pierced.* *N* 55, *Wt.* 11

K K

## Sequin Z.M.

Obv.

Rev.

829

Year of reign 1 (1222).

Formula B:

Tughrá

ابن over |

ضرب في

قسنطينية

۱۲۲۲

N 36, Wt. 37

## Half-Sequin Z.M.

880

Same.

"

"

Pierced N 7, Wt. 18

## SILVER.

## Altmishlik.

881

Same.

"

السلطان

ابن over |

مصطفى بن عبد الحميد خان

دام ملكه ضرب في

قسنطينية

۱۲۲۲

E 16, Wt. 203

Piastre.

*Obv.*

*Rev.*

832

Same.

*Formula B:*

1 over ابن

Ṭughrá

ضرب فی

قسططنینة

۱۲۲۲

B 135, Wt. 197

Onlik.

833

Same.

”

”

B 9, Wt. 50

Beshlik.

834

Year of reign 2 (1223).

”

”

۲ over ابن

B 75, Wt. 23

Para.

835

Year of reign 1 (1222).

Ṭughrá.

ضرب فی

قسططنینة

۱۲۲۲

B 55, Wt. 6



## ALGIERS.

GOLD.

Séquin F.

*Obv.**Rev.*

886

Accession.

*Formula B.*

Within octagon.

(البرين in second line.)

السلطان

مصطفى خان

عز نصره ضرب في

جزاير ١٢٢٢

N 35, Wt. 53



## XXX.—MAHMOOD II.

A.H. 1228—1255.

## CONSTANTINOPLE.

GOLD.

TYPE I.

(*With Tughrá on Reverse.*)

Years of reign 1—9.

Sequin Z.M.

*Obv.*
*Rev.*

887

Year of reign 1 (1228).

*Formula B:*

Tughrá.

اين over 1

ضرب في

قسطنطينية

۱۲۲۳

Pl. IX. N° 9, Wt. 37

888

Year of reign 9 (1231).

"

"

اين over 9

*Pierced. N° 9, Wt. 37*

## Half-Sequin Z.M.

Obv.

Rev.

839

Year of reign 1 (1223).

Similar to (837).

Similar to (837).

*N* 75, Wt. 18*Type revived at various intervals : reduced (Adlee) standard.*

## Sequin.

840

Year of reign 17 (1239).

Similar :

Similar :

۱۷ over ابن

but عدلی to right of Tugbrá.

*Pierced. N* 75, Wt. 24

## Half-Sequin.

841

Year of reign 22 (1244).

"

"

۲۲ over ابن

*Thrice-pierced. N* 65, Wt. 13

842

Year of reign 29 (1251).

"

"

۲۹ over ابن

*Pierced. N* 6, Wt. 13

Quarter-Sequin F.

*Obv.*

*Rev.*

(Years 1—18.)

843

Year of reign 1 (1223).

Tughrâ.

ضرب فی  
قسططنینة

۱۲۲۳

*Pierced. N° 6, Wt. 13*

844

Year of reign 2 (1224).

”

”

Above, ۲

*N° 55, Wt. 13*

845

Year of reign 3 (1225).

”

”

Above, ۳

*Pierced. N° 55*

846

Year of reign 4 (1226).

”

”

Above, ۴

*N° 55*

*Obv.**Rev.*

847

Year of reign 5 (1227).

Tughrá

Similar to (843).

Above, o

Pl. IX. N° 55

848

Year of reign 6 (1228).

"

"

Above, 7

Pierced. N° 55

849

Year of reign 7 (1229).

"

"

Above, v

Pierced. N° 55

850

Year of reign 8 (1230).

"

"

Above, ^

Pierced. N° 55

851

Year of reign 9 (1231).

"

"

Above, 9

Pierced. N° 55

*Obv.*

*Rev.*

852

Year of reign 10 (1232).

Tughrá.

Similar to (848).

Above, | •

*Pierced. N° 55, Wt. 12*

853

Year of reign 11 (1233).

"

"

Above, | |

*Pierced. N° 55*

854

Year of reign 12 (1234).

"

"

Above, | 2

*Pierced. N° 55*

855

Year of reign 13 (1235).

"

"

Above, | 3

*Pierced. N° 55*

856

Year of reign 14 (1236).

"

"

Above, | 4

Over which, عز نصره

*N° 55, Wt. 9*

L L

*Obv.**Rev.*

857

Year of reign 15 (1287).

Tughra.

Similar to (843).

Above, ١٥

Over which, عز نصره

*Pierced, N 55*

858

Year of reign 16 (1288).

"

ضرب فی

قسنطنطينية

١٢٢٣

المحروسة

*Pierced, N 5, Wt. 7*

859

Year of reign 17 (1289).

"

"

Above, ١٧

*Pierced, N 5*

TYPE II.

(Wavy floral border.)

Years 9—13.

Double Sequin Z.M.

Obv.

Rev.

860

Year of reign 9 (1281).

Tughrá.

ضرب فی  
قسططنینة

۱۲۲۳

Pl. IX. Pierced, *N* 1'1, W. 73

861

Year of reign 10 (1282).

"

"

Above, | °

Pierced, *N* 1'1

862

Year of reign 11 (1283).

"

"

Above, | |

Pierced, *N* 1'1

863

Year of reign 12 (1284).

"

"

Above, | ۲

Pierced, *N* 1'1



**Half-Sequin Z.M.***Obv.**Rev.*

864

Year of reign 10 (1232).

Tughrá.

Similar to (860).

Above, 1.

*Pierced. N 76, W 18*

865

Year of reign 11 (1233).

"

"

Above, 11

*Pierced. N 76*

866

Year of reign 13 (1235).

"

"

Above, 12

*Pierced. N 76*

## TYPE III.

(With Marginal Inscriptions.)

Years 9—15.

Double Sequin Z.M.

*Obv.*
*Rev.*

867

Year of reign 9 (1231).

Margin, *Formula B* :  
at end ط

السلطان محمود خان  
ابن السلطان عبد  
الحميد خان دام  
ملكه

In centre, *Tughrâ*.

In centre, ضرب في  
قسنطينية  
١٢٢٣

Pl. IX. *N* 115, Wt. 74

868

Year of reign 10 (1232).

”

”

Above, ١٠

*Pierced.* *N* 115

Sequin Z.M.

869

Year of reign 10 (1232).

”

”

Above, ١٠

*Pierced.* *N* 2, Wt. 36

*Obs.**Rev.*

870

Year of reign 11 (1283).

Similar to (867).

Similar to (867).

Above, 11

*Period. N 9*

871

Year of reign 12 (1284).

"

"

Above, 12

*Period. N 9*

872

Year of reign 13 (1285).

"

"

Above, 13

*Period. N 9*

873

Year of reign 14 (1286).

"

"

Above, 14

*Period. N 9*

874

Year of reign 15 (1287).

"

"

Above, 15

*N 9*

TRANSITIONAL TYPE.

*Reduced ('Adlee) Standard.*

Years 15, 16.

Sequin.

*Obv.*

*Rev.*

875

Year of reign 15 (1287).

Tughrá : at right, عدلى

ضرب فی^{١٥}

دار الخلافة

١٢٢٣

العلية

Pl. IX. N° 8, Wt. 24

876

Year of reign 16 (1288).

”

”

Above, ١٦

N° 75

Half-Sequin.

877

Year of reign 16 (1288).

”

”

Above, ١٦

N° 6, Wt. 12

## Quarter-Sequin.

Obv.

Rev.

878

Year of reign 15 (1237).

Similar to (875).

Similar to (875).

Above, ۱۵

Pierced. *N* 55, *Wt.* 7

879

Year of reign 16 (1238).

"

"

Above, ۱۶

*N* 5

## TYPE IIIA.

(Being Type III. reduced to 'Adlee Standard,  
and margins altered.)

Years 16—20.

Sequin.

880

Year of reign 16 (1238).

سلطان سلاطين زمان  
عدلى محمود خان

دامر ملكه وسلطنته  
الى اخر الدوران

In centre, *Tughrá* :  
at right عدلى

In centre, ضرب^{۱۶} فى  
قسطنطينية  
۱۲۲۳  
المحرسة

Pierced. *N* 75, *Wt.* 25

*Obv.*

*Rev.*

881

Year of reign 17 (1239).

Similar to (880).

Similar to (880).

Above, | v

*Pierced, N 75*

882

Year of reign 18 (1240).

"

"

Above, | ^

*N 75, Wt. 25*

883

Year of reign 19 (1241).

"

"

Above, | i

*N 75*

884

Year of reign 20 (1242).

"

"

Above, | °

*Pierced, N 75*

**Half-Sequin.**

885

Year of reign 16 (1238).

"

"

Above, | i

*Pierced, N 6, Wt. 12*

M M

*Obv.**Rev.*

886

Year of reign 17 (1239).

Similar to (880).

Similar to (880).

Above, | v

*Pierced. N 85*

887

Year of reign 18 (1240).

"

"

Above, | ^

*Pierced. N 85*

888

Year of reign 20 (1242).

"

"

Above, | °

*Twice-pierced. N 85*

Quarter Sequin.*

889

Year of reign 17 (1239).

"

"

Above, | v

*Pierced. N 85*


---

* The Quarter Sequins generally appear to retain the older type longer than the other denominations.

*Obv.*

*Rev.*

890

Year of reign 18 (1240).

Similar to (880).

Similar to (880).

Above, 1 ^

*N° 5, Wt. 7*

891

Year of reign 19 (1241).

"

"

Above, 1 9

*Twice-pierced. N° 5*

892

Year of reign 20 (1242).

"

"

Above, 1 °

*Pierced. N° 5*

893

Year of reign 21 (1243).

"

"

Above, 1 1

*Pierced. N° 5*

894

Year of reign 22 (1244).

"

"

Above, 1 1

*Pierced. N° 5*



*Obv.**Rev.*

895

Year of reign 23 (1245).

Similar to (880).

Similar to (880).

Above, ۲۳

*N 15, Wt. 6*

896

Year of reign 24 (1246).

”

”

Above, ۲۴

*Thrice-pierced. N 15*

## TYPE IV.

*(With Cartouches : 'Adlee.)*

Years 21—26.

Double Sequin.

897

Year of reign 21 (1243).

In centre, Tughrá and عدلی

In centre, ضرب فی  
قسنطنطینة

۱۲۲۳

Around, in three cartouches,  
divided by sprays,  
سلطان سلاطین زمانAround, in three cartouches  
divided by sprays,  
غازی محمود خان*Pierced. N 105, Wt. 55*

## Sequin.

*Obv.*
*Rev.*

898

Year of reign 21 (1243).

Similar to (897).

Similar to (897).

Above, ۲۱

*Pierced. N '85*

899

Year of reign 22 (1244).

"

"

Above, ۲۲

*N '85, Wt. 28*

900

Year of reign 23 (1245).

"

"

Above, ۲۳

*Pl. IX. Pierced. N '85*

901

Year of reign 24 (1246).

"

"

Above, ۲۴

*Pierced. N '85*

902

Year of reign 25 (1247).

"

"

Above, ۲۵

*N '85, Wt. 27*

*Obv.**Rev.*

903

Year of reign 26 (1248).

Similar to (897).

Similar to (897).

Above, 11

*Pierced. N 85*

Half-Sequin.

904

Year of reign 21 (1243).

"

"

Above, 11

*N 85, Wt. 13*

905

Year of reign 22 (1244).

"

"

Above, 11

*Pierced. N 85*

906

Year of reign 23 (1245).

"

"

Above, 11

*Pierced. N 85*

907

Year of reign 24 (1246).

"

"

Above, 12

*N 85, Wt. 14*

*Obv.*

*Rev.*

908

Year of reign 25 (1247).

Similar to (897).

Similar to (897).

Above, ٢٥

*Pierced. N° 7*

Quarter-Sequin.

(Zigzag-border.)

909

Year of reign 24 (1246).

Tughrá, and عدلى

٢٤  
ضرب فی  
قسطنطنية  
١٢٢٣

*Pierced. N° 5*

910

Year of reign 25 (1247).

”

”

Above, ٢٥

*Pierced. N° 5*

911

Year of reign 26 (1248).

”

”

Above, ٢٦

Pl. IX. N° 46, Wt. 5

*Obv.**Rev.*

912

Year of reign 27 (1249).

Similar to (909).

Similar to (909).

Above, ۲۷

*Pierced. N° 45*

## TYPE V.

*(Wreath-borders: 'Adlee.)*

Years 26—32.

**Sequin.**

913

Year of reign 26 (1248).

Tughrá, and عدلی

ضرب فی  
قسططنینة

۱۲۲۳

*PL. IX. Pierced. N° 3*

914

Year of reign 27 (1249).

"

"

Above, ۲۷

*N° 75, Wt. 24*

*Obv.*

*Rev.*

915

Year of reign 28 (1250).

Similar to (913).

Similar to (913).

Above, ۲۸

*Pierced. N ۳*

916

Year of reign 29 (1251).

"

"

Above, ۲۹

*Pierced. N ۳*

917

Year of reign 30 (1252).

"

"

Above, ۳۰

*Pierced. N ۳*

918

Year of reign 31 (1253).

"

"

Above, ۳۱

*Pierced. N ۳*

919

Year of reign 32 (1254).

"

"

Above, ۳۲

*Pierced. N ۳*

N N

## Half-Sequin.

*Obv.**Rev.*

920

Year of reign 26 (1248).

Similar to (913).

Similar to (913).

Above, 14

*Pierced. N° 65, Wt. 12*

921

Year of reign 27 (1249).

"

"

Above, 15

*Pierced. N° 6*

922

Year of reign 28 (1250).

"

"

Above, 16

*Pierced. N° 6*

923

Year of reign 29 (1251).

"

"

Above, 17

*Pierced. N° 6*

*Obv.*

*Rev.*

924

Year of reign 30 (1252).

Similar to (913).

Similar to (913).

Above, ۳۰

*Pierced. N° 6*

925

Year of reign 31 (1253).

"

"

Above, ۳۱

*Pierced. N° 6*

926

Year of reign 32 (1254).

"

"

Above, ۳۲

*Pierced. N° 6*

Quarter-Sequin.

927

Year of reign 28 (1250).

"

"

Above, ۲۸

*N° 5, Wt 6*

928

Year of reign 29 (1251).

"

"

Above, ۲۹

*N° 5*



*Obv.**Rev.*

929

Year of reign 81 (1258).

Similar to (918).

Similar to (918).

Above, ۳۱

*Twice pierced. N° 5*

930

Year of reign 82 (1254).

"

"

Above, ۳۲

*Pl. IX. N° 6, W. 6*

## SILVER.

## TYPE I.

Years 1—15.

Old Beshlik.

931

Year of reign 3 (1225).

Tughrá.

ضرب فی  
سلطنتینہ

۱۲۲۳

*Pl. I. 6, W. 410*

*Obv.*

*Rev.*

932

Year of reign 7 (1229).

Similar to (931).

Similar to (931).

Above, √

Æ 1'7, Wt. 308

933

Year of reign 9 (1231)

"

Above, 9

Æ 1'65, Wt. 305

**Yuzlik.**

934

Year of reign 14 (1236).

"

"

Above, 14

Æ 1'45, Wt. 190

*(Different design.)*

935

Year of reign 1 (1223).

*Formula B:*

Tughrâ

| over ابن

ضرب في

قسطنطينية

۱۲۲۳

Æ 1'4, Wt. 179

## Altmishlik, or Double Zolota.

*Obv.**Rev.*

936

Year of reign 5 (1227).

*Formula B:*

Similar to (935).

۵ over ابن

Æ 1·3, Wt. 133

937

Year of reign 6 (1228).

"

"

۶ over ابن

Æ 1·3, Wt. 133

Piastre.

938

Year of reign 14 (1236).

"

"

۱۴ over ابن

Æ 1·3, Wt. 90

939

Year of reign 15 (1237).

"

"

۱۵ over ابن

Æ 1·25, Wt. 96

Yigirmi-paralik.

940

Year of reign 1 (1223).

"

"

۱ over ابن

Æ 2, Wt. 48

*Obv.*

*Rev.*

941

Year of reign 2 (1224).

*Formula B.*

Similar to (935).

ابن over ۲

*B. 9, Wt. 41*

942

Year of reign 3 (1225).

"

"

ابن over ۳

*Etaged. B. 85*

943

Year of reign 6 (1228).

"

"

ابن over ۶

*Pierced. B. 85*

On-paralik.

944

Year of reign 1 (1223).

"

"

ابن over ۱

*Pl. IX. B. 75, Wt. 27*

*Para.*

945

Year of reign 2 (1224).

Tughrá.

ضرب فی

قسطنطنية

۱۲۲۳

*B. 65, Wt. 3*

## TYPE II.

Years 18-19.

*Obv.**Rev.*

Altmişlik.

946

Year of reign 18 (1240).

*Formula B:*

السلطان

١٨ over ابن

محمود بن عبد الحميد خان

دار ملكه ضرب في

قسطنطينية

١٢٢٣

AB 1'35, Wt. 107

Piastre.

947

Year of reign 19 (1241).

"

"

١٩ over ابن

AB 1'35, Wt. 96

Yigirmi-paralik.

948

Year of reign 18 (1240).

"

"

١٨ over ابن

Pl. IX. AB 1'1, Wt. 53

TYPE III.

Year 21.

On-paralik.

Obv.

949

Rev.

Year of reign 21 (1248).

Tughrá.

۲۱  
ضرب فی  
قسططنینیه

۱۲۲۳

Pl. IX. B. 35, Wt. 27

Besh-paralik.

950

Year of reign 21 (1248).

"

"

B. 7, Wt. 11

TYPE IV.

(*'Adlee.*)

Years 23—30.

A.—BESHLIK SERIES.

New Beshlik.

951

Year of reign 23 (1245).

Tughrá, with عدلی to right.

۲۳  
ضرب فی  
قسططنینیه

۱۲۲۳

B. 155, Wt. 243

O O

*Obv.**Rev.*951 *a*

Year of reign 25 (1247).

Similar to (951).

Similar to (951).

Above, ୧୦

Æ 205, Wt. 253

951 *b*

Year of reign 26 (1248).

"

"

Above, ୧୧

Æ 206, Wt. 263

**Yuzlik.**

952

Year of reign 25 (1247).

"

"

Above, ୧୦

Æ 145, Wt. 117

952 *a*

Year of reign 26 (1248).

"

"

Above, ୧୧

Æ 135, Wt. 110

**Piastre.**

953

Year of reign 23 (1245).

"

"

Above, ୧୩

Æ 105, Wt. 1

*Obv.*

*Rev.*

953 a

Year of reign 24 (1246).

Similar to (951).

Similar to (951).

Above,  $\Gamma^c$

*Pierced.*  $\mathcal{R}$  1'06, Wt. 43

954

Year of reign 27 (1249).

"

"

Above,  $\Gamma^v$

$\mathcal{R}$  1'1, Wt. 44

955

Year of reign 28 (1250).

"

"

Above,  $\Gamma^A$

$\mathcal{R}$  1'1, Wt. 51

956

Year of reign 30 (1252).

"

"

Above,  $\Gamma^s$ .

Pl. IX.  $\mathcal{R}$  1'1, Wt. 52

Yigirmi-paralik.

957

Year of reign 24 (1246).

"

"

Above,  $\Gamma^z$

$\mathcal{R}$  1'9, Wt. 22



*Obv.**Rev.*

958

Year of reign 25 (1247).

Similar to (951).

Similar to (951).

Above, ʾᵒ

R. 3, W. 24

959

Year of reign 27 (1249).

"

"

Above, ʾv

Pl. IX. R. 3

960

Year of reign 28 (1250).

"

"

Above, ʾ^

R. 3

961

Year of reign 29 (1251).

"

"

Above, ʾq

R. 3

962

Year of reign 30 (1252).

"

"

Above, ʾ.

R. 3

*Obv.*

*Rev.*

962 *a*

Year of reign 31 (1253).

Similar to (951).

Similar to (951).

Above, ۳۱

Æ 8

962 *b*

Year of reign 32 (1254).

"

"

Above, ۳۲

Æ 8

On-paralik.

963

"

"

Year of reign 22 (1244).

Above, ۲۲

Pierced. Æ 7

963 *a*

Year of reign 29 (1251).

"

"

Above, ۲۹

Æ 65, Wt. 14

---

**B.-ALTILIK SERIES.**

**Altılık.**

964

Year of reign 26 (1248).

"

"

Above, ۲۶

Æ 15, Wt. 166

*Obv.**Rev.*964 *a*

Year of reign 28 (1250).

Similar to (951).

Similar to (951).

Above, *PA**R* 1.45, Wt. 185964 *b*

Year of reign 29 (1251).

"

"

Above, *PI**Pierced. R* 1.5, Wt. 192**Uchlik.**964 *c*

Year of reign 27 (1249).

"

"

Above, *PIV**Pierced. R* 1.3, Wt. 93964 *d*

Year of reign 29 (1251).

"

"

Above, *PI**Pierced. R* 1.3, Wt. 90

Altmishlik, or Double Zolota.

*Obv.*

*Rev.*

964 *e*

Year of reign 30 (1252).

Similar to (951).

Similar to (951).

Above, ۳۰.

*R* 11, *Wt.* 41

964 *f*

Year of reign 31 (1253).

"

"

Above, ۳۱

*Pierced.* *R* 11

**Para.**

965

Year of reign 25 (1247).

Ṭughrá.

"

Without عدلی

Above, ۲۵

*R* 45, *Wt.* 1

965 *a*

Year of reign 28 (1250).

"

"

Above, ۲۸

*R* 5, *Wt.* 2

*Obv.**Rev.*

966

Year of reign 29 (1251).

Similar to (951).

Similar to (951).

Above, ۲۹

R. 5, Wt. 2

COPPER.

967

Year 1247.

سلطان

محمود

ضرب فی

(sic) قسطنطينية

۱۲۴۷

R. 6

VÁN.

COPPER.

968

Year 1239 ?

Tughrá.

ضرب فی

وان

۱۲۳۹ ?

R. 6

BAGHDÁD.

*Governorship of Sa'eed Páshá.*

C O P P E R.

*Obv.*

*Rev.*

969

Year 1231.

Within octogram,

سعيد

پاشا.

ضرب فی

بغداد

۱۲۳۱

Æ 105

970

Same year.

Interlaced lines, representing

Sa'eed Páshá's name ?

"

Æ 105

971

Same year.

"

"

Æ 105

---

*Without Governor's name.*

972

Year 1238.

Tughrá.

"

Date ۱۲۳۸

Æ 10

P P

*Obv.**Rev.*

973

Year 1240.

Similar to (972)

Similar to (972)

"

Date, ١٢٤٠.

Æ 8

974

Year of reign 26 (1248).

Crescent and star.

"

Above, ٢٦

Date of accession beneath, ١٢٢٣

Æ 8

975

Year of reign 28 (1250).

Tughrá.

"

Above, ٢٨

Æ 9

## MEKKEH.

COPPER.

976

Accession.

مكة

Bird to left.

ضرب

[١] ٢٢٣

Fish to right.

[١] ٢٢٣

Æ 95

E G Y P T.

G O L D.

Quarter-Sequin of Type I.

*Obv.*

*Rev.*

977

Year of reign 16 (1288).

Tughrâ.

ضرب في  
مصر  
١٢٢٣

*Twice-pierced. N° 5, Wt. 5*

Half-Sequin.

(*Cartouche Type: 'Adlee; see p. 268.*)

978

Year of reign 22 (1244).

Similar to (897).

Similar to (897):

but مصر; above, ٢٢

*N° 66, Wt. 13*

979

Year of reign 26 (1248).

”

”

Above, ٢٦

*Pierced. N° 65*



## Quarter-Sequin.

(Wreath border, see p. 272.)

Obv.

Rev.

980

Year of reign 22 (1244).

Tughrá.

ضرب فی  
مصر  
۱۲۲۳

Pierced. *N* 5, Wt. 6

981

Year of reign 24 (1246).

”

”

Above, ۲۴

Pierced. *N* 5

## Half-Sequin 'Adlee.

(Wreath varied.)

982

Year of reign 29 (1251).

Tughrá, with عدلی

”

Above, ۲۹

*N* 55, Wt. 12

NEW ISSUE.

20 Piastres.

*Obv.*

*Rev.*

983

Year of reign 31 (1253).

Tughrá, with عدلی  
beneath, r. ش

ضرب فی  
مصر  
۱۲۲۳

*N* 7, Wt. 26

984

Year of reign 32 (1254).

”

”

Above, ۳۲

*N* 7

10 Piastres.

985

Year of reign 29 (1251).

”

”

Beneath, r. ش

Above, ۲۹

*N* 55, Wt. 13

'OTHMÁNLEES.

SILVER.

OLD ISSUE.

TYPE I.

Piastre.

*Obv.**Rev.*

986

Year of reign 7 (1229).

Tughrá.

صرب فی

—

۱۲۲۳

Æ 1'1, Wt. 94

Besh-paralik.

986 a

Year of reign 18 (1240).

"

"

Above, ۱۸

Æ 7, Wt. 16

TYPE II.

Yigirmi-paralik.

987

Year of reign 22 (1244).

"

"

Above, ۲۲

Æ 1'06, Wt. 43

**Beah-paralik.**

*Obv.*

*Rev.*

988

Year of reign 21 (1248).

Tughrá.

Similar to (986).

Above, ۲۱

Æ 7, Wt. 10

**NEW ISSUE.**

**20 Piastres.**

989

Year of reign 31 (1253).

”

”

Tughrá, with عدلی

Above, ۳۱

Beneath, ۲۰ ش

Æ 14, Wt. 428

**Piastre.**

990

Year of reign 30 (1252).

”

”

Beneath, ۱ ش

Above, ۳۰.

Æ 75, Wt. 22

## 10 Paras.

*Obv.**Rev.*

991

Year of reign 29 (1251).

Similar to (989)

Similar to (986)

Beneath, ^{١٠}پ

Above, ٢٩

Æ 5, Wt. 5.5

## C O P P E R.

## N E W I S S U E.

## 5 Paras.

992

Year of reign 29 (1251).

Tughrá.

٢٩  
ضرب فی  
مصر  
۱۲۲۳

Æ 55

993

Year of reign 30 (1252).

"

"

Beneath, ^٥پ

Above, ٣٠.

Æ 58

*Obv.*

*Rev.*

994

Year of reign 31 (1253).

Similar to (993)

Similar to (992)

Above, ٢١

Æ 65

Para.

995

Year of reign 28 (1250).

Tughrâ.

”

Above, ٢٨

Æ 65

996

Year of reign 29 (1251).

”

”

Above, ٢٩

Æ 7

997

Same year.

”

”

(Varied.)

Æ 6

## TRIPOLI.

## COPPER.

## LARGE ISSUE.

*Obv.**Rev.*

998

Year of reign 20 (1242).

Tughrá.

۲۰  
ضرب فی  
طرابلس  
غرب  
۱۲۲۳

Æ 1.5

999

Same year.

”

”

Æ 1.5

## SMALL ISSUE.

1000

Accession.

سلطان  
محمود  
خان

ضرب فی  
طرابلس  
غرب  
۱۲۲۳

Æ ۲

*Obv.*
*Rev.*

1001

Year of reign 13 (1235).

Similar to (1000).

Similar to (1000).

Above, ۱۳

*E 9*

1002

No data.

"

"

No ciphers.

*E 8*

1003

Accession.

Ṭughrá.

Similar to (1000):  
no year of reign.

*E 9*

1004

Same.

"

"

*E 95*

1005

Year of reign 18 (1240).

*Formula B:*

Ṭughrá.

۱۸ over ابن

ضرب فی  
طرابلس  
غرب  
[۱] ۲۲۳

*E 9*



## SMALLER ISSUE.

*Obv.**Rev.*

1006

Year of reign 20 (1242).

سلطان  
 محمود خان  
 عز نصره

۲۰  
 ضرب ی  
 طرابلس  
 غرب  
 ۱۲۲۳

Æ 75

1007

Accession.

ب  
 ضرب

فی  
 طرابلس  
 ۱۲۲۳

Æ 75

1008

Same.

”

”

Æ 75

1009

No date.

”

”

No date.

Æ 75

*Obs.*

*Rev.*

1010

No date.

ضرب فی  
طرابلس  
۱۲۲۳

Five stars.

Æ 75

1011

Year of reign 21 (1243).

ضرب فی  
طرابلس  
[۱۲]۲۳

↓  
غرب

Æ 65

1012

Year of reign 23 (1245).

ضرب  
فی

فی  
طرابلس  
۱۲۲۳

Æ 75

1018

Same year.

ضرب  
۱۲۲۳

طرابلس فی  
۲۳

Æ 7

*Obv.**Rev.*

1014

Year of reign 23 (1245).

۲۳  
ضرب فی

Ornament.

طرابلس

۱۲۲۳

Æ 75

1015

Year of reign 25 (1247).

Similar :

Hexagram.

but above, ۲۵

Æ 7

1016

No year.

Similar :

Hexagram.

غرب in place of accession year.

Æ 85

Arabesque Type.

1017

Year of reign 25 (1247).

In centre, Arabesque.

۲۵  
ضرب فی

Around, سلطان محمود خان ۱۲۲۳

طرابلس

غرب

Æ 75

*Obv.*

*Rev.*

1018

Same year.

Similar to (1017): but arranged

Similar to (1017).

سلطان محمود ۱۲۲۳ خان

Æ 75

1019

Same year.

Similar: but arranged

”

سلطان محمود خان ۱۲۲۳

Æ 86

1020

Year of reign 28 (1250).

Similar: but arranged

”

سلطان محمود ۱۲۲۳ خان

Above, ۲ >

Æ 76

1021

Year of reign 29 (1251).

Similar to (1017).

”

Above, ۲ ۹

Æ 7

1022

Year of reign 34 (1256).

سلطان

محمود

۱۲۲۳

۳ ۴

Æ 7

## TUNIS.

## SILVER.

*Obv.**Rev.*

1023

Year 1242.

سلطان البرين  
وخاقان البحرين  
السلطان محمود  
خان عز نصره

ضرب في  
نونس  
١٢٤٢

Æ 1-35, Wt. 182

1024

Year 1245.

”

”

Date ١٢٤٥

Æ 1-3, Wt. 168

1025

Year 1252.

”

”

Date ١٢٥٢

Æ 1-35, Wt. 181

1026

Year 1254.

”

”

Date ١٢٥٤

Æ 1-35, Wt. 183

ALGIERS.

GOLD..

Sequin F.

*Obv.*

*Rev.*

1027

Year 1241.

*Formula B.*

السلطان  
محمود خان  
١٢٤١  
عز نصره ضرب  
جزائر في

*Twice-pierced. AV '95, Wt. 48*

Half-Sequin F.

1028

Year 1289.

سلطان  
محمود خان  
عز نصره

ضرب في  
جزائر  
١٢٨٩

*AV '7, Wt. 25*

SILVER.

OLD ISSUE.

1029

Year 1232.

سلطان  
محمود خان  
عز نصره

Similar :  
but date ١٢٣٢

*AV '8, Wt. 53*

R R

*Obv.**Rev.*

1030

Year 1287.

Similar to (1029).

Similar to (1029).

Date ١٢٣٧

Æ 85, Wt. 41

1031

Year 1288.

”

”

Date ١٢٣٨

Æ 85, Wt. 30

1032

Year 1289.

”

”

Date ١٢٣٩

Æ 85, Wt. 18

## NEW ISSUE.

## SILVER.

1033

Year of reign 18 (1235).

Tughrá.

ضرب فی

جزایر

١٢٢٣

Æ 10, Wt. 82

*Obv.*

*Rev.*

1084

Same year.

Similar to (1088).

Similar to (1088).

Æ 8, Wt. 76

COPPER.

1085

Year 1287.

سلطان  
محمود خان  
عز نصره

ضرب فی  
جزایر  
۱۲۳۷

Æ 7

1036

Year 1288.

"

"

Year ۱۲۳۸

Æ 7

1087

Year 1289.

"

"

Year ۱۲۳۹

Æ 7

1088

Year 1240.

"

"

Year ۱۲۴۰.

Æ 7



*Obv.**Rev.*

1039

Year 1244.

Similar to (1085).

Similar to (1035).

Year ۱۲۴۴

E 7

*(Smaller Size.)*

1040

Year 1237.

سلطان  
محمودضرب فی  
حزایر  
۱۲۳۷

E 5

*(Smallest Size.)*

1041

Year 1237.

"

"

Year ۱۲۳۷

E 45

1042

Year 1242.

"

"

Year ۱۲۴۲

E 5

1043

Year 1244.

"

"

Year ۱۲۴۴

E 45

*Obv.*

*Rev.*

(*Square.*)

1044

Year 1230.

سلطان

جان

محمود

۱۲۳۰

Æ 55

CONSTANTINEH.

SILVER.

Yigirmlik.

1045

Year 1253.

Tughrá.

ضرب فی

قسطنطينة

۱۲۵۳

Æ 12, Wt. 113

## XXXI.—'ABD-EL-MEJEED.

A. H. 1255—1277.

CONSTANTINOPEL.

OLD ISSUE.

GOLD.

Sequin.

*(Reduced Standard.)**Obv.**Rev.*

1046

Year of reign 1 (1255).

Tughrá.

ضرب في  
قسططنطينية  
١٢٥٥

*N* 1.25, *Wt.* 33

1047

Year of reign 5 (1259).

"

"

Above, 5

*Pierced.* *N* 1.25

Half-Sequin.

1048

Year of reign 1 (1255).

"

"

Above, 1

*N* 1.6, *Wt.* 13

*Obv.**Rev.*

1049

Year of reign 3 (1257).

Similar to (1046).

Similar to (1046).

Above, 1

*N° 6*

Quarter-Sequin.

1050

Year of reign 1 (1255).

"

"

Above, 1

*N° 5, Wt. 6*

1051

Year of reign 5 (1259).

"

"

Above, 6

*Pierced. N° 5*

SILVER.

Uchlik.

1052

Year of reign 1 (1255).

"

"

Above, 1

*Pierced. E 1'25, Wt. 69*

Altmiashlik.

1052 a

Year of reign 5 (1259).

"

"

Above, 6

*Pierced. E 1'06, Wt. 60*

## Yigirmi-paralik.

Obv.

Rev.

1052 *b*

Year of reign 2 (1256).

Similar to (1046).

Similar to (1046).

Above, ۲

B. 3, Wt. 17

1053

Year of reign 4 (1258).

"

"

Above, ۴

B. 3, Wt. 17

## On-paralik.

1053 *a*

(Year of reign 1 (1255).

"

"

Above, ۱

B. 65, Wt. 10

## NEW ISSUE.

(Mejeedeeyeh.)

G O L D.

100 Piastres.

1054

Year of reign 6 (1260).

Tughrá; above, 7 stars;

Within laurel-wreath, عز نصره

beneath, سنة;

ضرب فی

and two quivers,

قسططنینیه

and two laurel-branches.

۱۲۵۵

*Obv.**Rev.*

1055

Year of reign 14 (1268).

Similar to (1054):

Similar to (1054).

but beneath, ^{١٤}سنة

N 35

50 Piastres.

1056

Year of reign 6 (1260).

, ^٦سنة

,

N 7, Wt. 56

## SILVER.

Mejeedeeyeh of 20 Piastres.

1057

Year of reign 6 (1260).

Within border of  
crescents and stars,  
Tughrá.

. As obv.

عز نصره

Beneath, ^٦سنة

ضرب فی

قسنطنینیه

١٢٥٥

Pl. X. 2145, Wt. 373

1058

Year of reign 12 (1266).

, ^{١٢}سنة

,

N 145

*Obv.**Rev.*

10 Piastres.

1059

Year of reign 6 (1260).

Similar to (1057).

Similar to (1057).

Beneath, ^١سنة

R 105, Wt. 18

1060

Year of reign 7 (1261).

" ^٧سنة

"

R 106

5 Piastres.

1061

Year of reign 6 (1260).

" ^٦سنة

"

R 9, Wt. 90

1062

Year of reign 7 (1261).

" ^٧سنة

"

R 9

1063

Year of reign 10 (1264).

" ^{١٠}سنة

"

R 9

2 Piastres.

1064

Year of reign 7 (1261).

Border of stars only.

As obv.

" ^٧سنة

"

R 7, Wt. 37

*Obv.**Rev.*

1065

Year of reign 11 (1265).

Similar to (1064).

Similar to (1064).

Beneath, ¹¹سنة

R 7

Piastre.

1066

Year of reign 6 (1260).

„ ⁶سنة

„

R '55, Wt. 18

1067

Year of reign 12 (1266).

„ ¹²سنة

„

R '55

1068

Year of reign 16 (1270).

„ ¹⁶سنة

„

R '55

1069

Year of reign 21 (1275).

„ ²¹سنة

„

R '55

Half-Piastre, or 20 Para Piece.

1070

Year of reign 10 (1264).

Within laurel-wreath,  
Tughrá.

As obv.

Beneath ¹⁰سنة

„

Above, 10.

R 5, Wt. 9



## COPPER.

40 Paras.

*Obv.**Rev.*

1071

Year of reign 17 (1271).

Tughrâ.

In centre, ✠.

Beneath, ^{١٧}سنة

Around, عز نصره ضرب

١٢٥٥

في قسطنطينية سنة

Pl. X. B 1'45

1072

Year of reign 18 (1272).

" ^{١٨}سنة

"

B 1'45

1073

Year of reign 19 (1273).

" ^{١٩}سنة

"

B 1'45

1074

Year of reign 20 (1274).

" ^{٢٠}سنة

"

B 1'45

*Obv.**Rev.*

1075

Year of reign 21 (1275).

Tughrá.

Similar to (1071).

Beneath, ^{rr}سنة

Æ 1'45

1076

Year of reign 22 (1276).

" ^{rr}سنة

"

Æ 1'45

1077

Year of reign 23 (1277).

" ^{rr}سنة

"

Æ 1'45

20 Paras.

1078

Year of reign 16 (1270).

Tughrá, ^{rr}سنة

Similar : but r •

Æ 1'3

1079

Year of reign 17 (1271).

" ^{rr}سنة

"

Æ 1'25

*Obv.**Rev.*

1080

Year of reign 19 (1273).

Tughrá, ¹⁹  
سنة

Similar to (1071): but ۲ •

Æ 1'25

1081

Year of reign 20 (1274).

۲۰  
سنة

"

Æ 1'25

1082

Year of reign 21 (1275).

۲۱  
سنة

"

Æ 1'25

10 Paras.

1083

Year of reign 15 (1269).

۱۵  
سنة

Similar: but ۱ •

Æ 1'1

1084

Year of reign 16 (1270).

۱۶  
سنة

"

Æ 1'05

*Obv.**Rev.*

1085

Year of reign 17 (1271).

Tughrá, ^{١٧}سنة

Similar to (1071) : but 1.

Æ 108

1086

Year of reign 19 (1273).

"

"

Beneath, ^{١٩}سنة

Æ 108

1087

Year of reign 20 (1274).

" ^{٢٠}سنة

"

Æ 108

1088

Year of reign 21 (1275).

" ^{٢١}سنة

"

Æ 108

5 Paraa

1089

Year of reign 7 (1261).

Tughrá.

Similar : but 5

Beneath, ^٧سنة

Æ 85

*Obv.**Rev.*

1090

Year of reign 10 (1264).

Tughrá, ^{١٠}سنة

Similar to (1071) : but ٥

Æ 85

1091

Year of reign 11 (1265).

" ^{١١}سنة

"

Æ 85

1092

Year of reign 12 (1266).

" ^{١٢}سنة

"

Æ 85

1093

Year of reign 13 (1267).

" ^{١٣}سنة

"

Æ 85

1094

Year of reign 14 (1268).

" ^{١٤}سنة

"

Æ 85

*Obv.*

*Rev.*

1095

Year of reign 15 (1269).

Tughrá, ¹⁰سنة

Similar to (1071) : but 0

AE 35

1096

Year of reign 16 (1270).

„ ¹¹سنة

„

AE 35

1097

Year of reign 19 (1273).

„ ¹¹سنة

„

AE 35

1098

Year of reign 20 (1274).

„ ¹¹سنة

„

AE 35

1099

Year of reign 21 (1275).

„ ¹¹سنة

„

AE 35

## P a r a.

*Obv.**Rev.*

1100

Year of reign 8 (1262).

Tughrá, ^٨سنة

Similar to (1071): but 1

Pl. X. B. 5

1101

Year of reign 10 (1264).

" ^{١٠}سنة

"

B. 5

1102

Year of reign 11 (1265).

" ^{١١}سنة

"

B. 5

1103

Year of reign 14 (1268).

" ^{١٤}سنة

"

B. 5

1104

Year of reign 16 (1270).

" ^{١٦}سنة

"

B. 5

BAGHDÁD.

COPPER.

*Obv.*

*Rev.*

1105

Accession.

Ṭughrá.

ضرب فی  
بغداد  
۱۲۵۵

E 7

EGYPT.

GOLD.

NEW ISSUE.

(*Mejeedeeeyeh.*)

100 Piastres.

1106

Year of reign 5 (1259).

Ṭughrá.

Beneath, ^{۱۰۰}ش

ضرب فی  
مصر  
۱۲۵۵

Pl. X. N° 88, Wt. 132

50 Piastres.

1107

Same year.

ش ۰۰

"  
N° 75, Wt. 66



5 Piastres.

Obv.

Rev.

1108

Year of reign 8 (1257).

Tughrá.

Similar to (1106).

Beneath, شى

۳

N. 5, Wt. 5

1109

Year of reign 6 (1260).

"

"

۶

Pl. X. N. 5

1110

Year of reign 10 (1264).

"

"

۱۰

N. 5

1111

Year of reign 16 (1270).

"

"

۱۶

Pierced. N. 5

1112

Year of reign 19 (1273).

"

"

۱۹

Pierced. N. 5

*Obv.*

*Rev.*

1113

Year of reign 22 (1276).

Ṭughrā.

Similar to (1106).

Beneath, ش^و

۲۲

*Pierced N 5*

S I L V E R.

10 Piastres.

1114

Year of reign 5 (1259).

Ṭughrā.

Similar to (1106).

Beneath, ش^و

۵

*B 1.15, Wt. 214*

5 Piastres.

1115

Year of reign 4 (1258).

” ش^و

”

≈

*B 1.0, Wt. 107*

## Piastre.

*Obv.**Rev.*

1116

Year of reign 5 (1259).

Tughrá

Similar to (1106).

Beneath, ش

o

AB 75, Wt. 22

1117

Year of reign 10 (1264).

" "

"

| .

AB 76

## 20 Paras.

1118

Year of reign 6 (1260).

" پ

"

¶

AB 68, Wt. 10

1119

Year of reign 10 (1264).

" "

"

| .

AB 68

## 10 Paras.

1120

Year of reign 7 (1261).

" پ

"

v

AB 66, Wt. 5

*Obv.**Rev.*

1121

Year of reign 12 (1266).

Tughrá.

Similar to (1106).

Beneath, 

۱۲

Æ 55

## C O P P E R.

5 Paras.

1122

Year of reign 1 (1255).

Tughrá.

Similar to (1106).

Beneath, 

۱

Æ 56

1123

Year of reign 2 (1256).

”

”

۲

Æ 57

1124

Year of reign 4 (1258).

”

”

۴

Æ 58

Obv.

Rev.

1125

Year of reign 5 (1259).

Tughrá.

Similar to (1106).

Beneath, پ

o

Æ 8

1126

Year of reign 6 (1260).

"

"

1

Æ 8

## NEW ISSUE.

*(With sprigs and wreaths.)*

10 Paras.

*Constantinople Type.*

1127

Year of reign 16 (1270).

Tughrá.

Similar to (1071):

Beneath, سنة

but محروسة مصر

In centre, |.

Æ 115

*Egyptian Type.*

5 Paras.

1128

Year of reign 6 (1260).

Tughrá.

Similar to (1106).

Beneath, پ

1

Æ 85

1129

Year of reign 7 (1261).

"

"

v

Æ 8

*Constantinople Type.**Obv.**Rev.*

1229a.

Year of reign 8 (1262).

Tughrá.

Similar to (1071) :

Beneath, [^]سنةbut [^]فى محروسة مصر

In centre, ٥

Æ 85

1 Para.

*Egyptian Type.*

1180

Year of reign 2 (1256).

Tughrá.

Similar to (1106).

Beneath, [^]پ

Above, ٢

Æ 86

1181

Year of reign 4 (1258).

"

"

Above, ٤

Æ 85

1182

Year of reign 5 (1259).

"

"

Above, ٥

Æ 86

## T U N I S.

*Obv.**Rev.*

[MOḤAMMAD BEY.]

A.H. 1272-1275.

G O L D.

100 Piastres.

1138

Year 1272.

Within palm-wreath,

السلطان  
الغازى عبد  
المجيد خان

Within laurel-branches,

محمد  
مودة  
بتونس  
١٠٠٠  
١٢٧٢

N° 13, Wt. 273


80 Piastres.

1134

Same year.

”

”

beneath, 

N° 13, Wt. 214

40 Piastres.

*Obv.**Rev.*

1135

Same year.

Similar to (1183).

Similar to (1183).

beneath, 

Pl. X. N 95, Wt. 106

20 Piastres.

1186

Same year.

”

”

beneath, 

N 98, Wt. 53

10 Piastres.

1137

Same year.

”

”

beneath, 

N 7, Wt. 26

## SILVER.

*(Without Bey's name).*

1188

2 Piastres.

Year 1263.

Within palm-wreath,

السلطان  
عبد  
المجيد  
خان

Within laurel-wreath,

ضرب في  
تونس  
١٢٦٣

B 13, Wt. 246



(With *Boy's Name*.)

Half-Piastre (8 Kharoobehs).*

Obv.

Rev.

1189

Year 1275.

Similar to (1183).

Similar to (1183):

but beneath .

١٢٧٥

Æ 7, Wt. 23

1140

2 Kharoobehs.

Year 1273.

,,

In centre, ١٢٧٣†

without wreath.

Around, مدة محمد بتونس

Æ 45, Wt. 5

## COPPER.

(Without *Boy's Name*.)

1141

Kharoobeh.

Year 1263.

Within palm-wreath,

Within laurel-wreath,

السلطان

ضرب في

عبد

تونس

المجيد

١٢٦٣

خان

Æ 1-15

* 6½ Burbehs, or 3½ Aspre or Akchehs=1 Kharoobeh; and 16 Kharoobehs=52 Akchehs or 104 Burbehs=1 Piastre. The Burb is further divided into 6 Burbines. See Neumann's *Beschreibung der bekanntesten Kupfermünzen*, iii, 98 ff. The denominations of the Tunisian coins in the present volume have been partly derived from notes kindly furnished by Mr. T. F. Roade, H.M. Agent and Consul General, Tunis.

† On this and other recent Tunisian coins the *r* is often written *ر*, and the *r*, *ر*. *ت* represents تاريخ.

*Obv.**Rev.*

1142

Year 1265.

Similar to (1141).

Similar to (1141).

"

Date, ۱۲۶۵

Æ 1'15

1143

Year 1269.

"

"

Date, ۱۲۶۹

Æ 1'15

**Half-Kharoobeh.**

1144

Year 1264.

"

Date, ۱۲۶۴

Æ '95

1145

Year 1265.

"

"

Date, ۱۲۶۵

Æ '95

*(With Bay's Name.)***13 Burbehs (3 Kharoobebs).**

1146

Year 1273.

Within palm-wreath,

Within laurel-wreath,

in centre, ۱۳

محمد

Around, السلطان الغازى

مودة

عبد المجيد خان

بتونس

Counterstruck with ۲

۱۲۷۳

Æ 1'3

*Obv.**Rev.*

1147

Year 1274.

Similar to (1146).

Similar to (1146).

(Not counterstruck with r.)

Date, ۱۲۷۴

Æ 13

1148

Year 1275.

"

"

In centre, ۲

Date, ۱۲۷۵

in the original die.

Æ 135

Six Burbehs, (1 Kharoobeh).

1149

Year 1272.

"

"

In centre, ۶

Date, ۱۲۷۲

Æ 131

Three Burbehs (Half-Kharoobeh).

1150

Year 1273.

"

"

In centre, ۳

Date, ۱۲۷۳

Æ 95

~~~~~

XXXII.—'ABD-EL-'AZEEZ.

A.H. 1277—1293.

CONSTANTINOPE.

GOLD.

500 Piastres.

*Obv.**Rev.*

1151

Year of reign 7 (1288).

Tughrá : above, 7 stars ;

Within olive-wreath,

beneath, سنة

عز نصره

Around, two olive-branches ;

ضرب في

at their crossing, two quivers,

قسطنطينية

under which, ٥ . .

١٢٧٧

N 1-35, Wt. 557

250 Piastres.

1152

Year of reign 8 (1284).

,, سنة and ٢٥ .

,,

N 1-35, Wt. 278

100 Piastres.

1153

Year of reign 12 (1288).

,, ١٢ سنة, nothing beneath.

,,

R 1-35, Wt. 112

Obv. 50 Piastres. *Rev.*

1154

Year of reign 9 (1285).

Similar to (1153).

Similar to (1151).

Beneath, <sup>1</sup>سنة

PL. X. N° 7, Wt. 54

25 Piastres.

1155

Year of reign 5 (1281).

„ <sup>0</sup>سنة

„

N° 8, Wt. 25

SILVER.

20 Piastres.

1156

Year of reign 11 (1287).

Tughrá.

Similar to (1151).

„
Beneath, <sup>11</sup>سنة

Border of tressures
and stars.

B 1°45, Wt. 367

10 Piastres.

1157

Year of reign 1 (1277).

„ <sup>1</sup>سنة

„

B 1°06, Wt. 186

5 Piastres.

*Obv.**Rev.*

1158

Year of reign 3 (1279).

Tughrá.

Similar to (1151).

Beneath, <sup>ر</sup>سنة

PL. X. R 9, Wt. 91

2 Piastres.

1159

Same year.

" <sup>ر</sup>سنة

"

R 7, Wt. 36

1 Piastre.

1160

Same year.

" <sup>ر</sup>سنة

"

R 55, Wt. 19

Half-Piastre, or 20 Para Piece.

1161

Year of reign 1 (1277).

" <sup>ر</sup>سنة

"

Above, <sup>ر</sup>.

R 5, Wt. 9

COPPER.

Piastre, or 40 Para Piece.

*Obv.**Rev.*

1162

Year of reign 4 (1280).

Tughrá.

In centre, ✠.

Beneath, سنة

Around, عز نصره ضرب في

١٢٧٧

قسططنطينية سنة

Æ 1'45

20 Paras.

1163

Year of reign 1 (1277).

" سنة

" ٢.

Æ 1'2

1164

Year of reign 4 (1280).

" سنة

"

Æ 1'25

10 Paras.

1165

Year of reign 1 (1277).

" سنة

" ١.

Æ 1'05

1166

Year of reign 4 (1280).

" سنة

Æ 1'1

Obv. 5 Paras. *Rev.*
1167

Year of reign 1 (1277).

Similar to (1162).

Similar to (1162).

Beneath, سنة<sup>١</sup>

In centre, ٥

Æ 9

1167a\*

Same year.

"

"

Below year, در سعادية
محصوص سكة لجا درسه

Æ 9

1168

Year of reign 4 (1280).

" سنة<sup>٤</sup>

"

Æ 9

EGYPT.

GOLD.

5 Piastres.

1169

Year of reign 9 (1285).

Tughrá.
Beneath, ش<sup>٥</sup>

ضرب في
مر
١٢٧٧

Æ 5, Wt. 6

1170

Year of reign 12 (1288).

"

" ١٢

Æ 5, Wt. 6.5

S I L V E R.

*Obv.**Rev.*

1171

10 Paras.

Year of reign 8 (1279).

Ṭughrá.

Similar to (1169).

Beneath, <sup>١٠</sup>پ

پ

Æ 55, Wt. 5

C O P P E R.

Piastre, or 40 Para Piece.

1172.

Year of reign 10 (1286).

Ṭughrá.

Similar to (1106).

Beneath, <sup>٤٠</sup>پ

١٠

Æ 1'45

20 Paras.

1172a

Year of reign 3 (1279).

ر.
پ

پ

Æ 1'25

1173

Year of reign 4 (1280).

"

پ

Æ 1'25

1174

Year of reign 5 (1281).

"

د

Æ 1'25

*Obv.**Rev.*

1175

Year of reign 6 (1282).

Similar to (1172).

Similar to (1106).

"

"

7

Æ 1'25

10 Paras.

1176

Year of reign 4 (1280).

Tughrá.

Similar to (1169).

Beneath,

1.
ج

2

Æ 1'15

1177

Year of reign 5 (1281).

"

"

5

Æ 1'15

1178

Year of reign 6 (1282).

"

"

7

Æ 1'15

1179

Year of reign 7 (1283).

"

"

V

Æ 1'15

Four Paras.

1180

Year of reign 4 (1280).

"

1.
ج

"

2

Æ '85

Quarter-Kharoobeh (Akcheh.)*Obv.**Rev.*

1188

Same year.

Similar to (1185).

Similar to (1185).

Above, |

Æ 85

Half-Akcheh.

1189

Same year.

"

"

Above, نصف

Æ 7

Quarter-Akcheh.

1190

Same year.

"

"

Above, ربع

Æ 86

Kharoobeh.

1191

Year 1288.

"

" ١٢٨٨

Nothing above:
different style.

Æ 17



XXXIII.—MURÁD V.

A.H. 1293.

CONSTANTINOPLE.

*Obv.**Rev.*

GOLD.

100 Piastres.

1192\*

Year 1293.

Tughrá: above, 7 stars;
crescent under centre star.

Within laurel-wreath,

Beneath, سنة

عز نصره

Around, laurel-branches;

ضرب في

at their crossing two quivers.

قسطنطينية

١٢٩٣

N° 95, Wt. 111.5

SILVER.

20 Piastres.

1193

Same year.

Tughrá.

"

Beneath, سنة

Border of crescents
and stars.

Border as obv.

R. 1.45, Wt. 370

\* This coin, like the other coins of Murád V., those of 'Abd-El-Hameed II., and many of Mahmood II., 'Abd-El-Mejced, and 'Abd-El-'Azeez, was presented by Dr. Dickson, of the British Embassy, Constantinople.

5 Piastres.

*Obv.**Rev.*

1194

Same year.

Similar to (1193).

Similar to (1193).

Pl. 95, Wt. 275

Piastre.

1195

Same year.

"

but no crescents.

"

but no crescents.

Pl. X. Pl. 6. Wt. 185



XXXIV.—'ABD-EL-HAMEED II.

A.H. 1293 (*regnant*).

CONSTANTINOPLE.

GOLD.

500 Piastres.

Obv.

1196

Rev.

Year of reign 2 (1294).

Similar to (1192) :

Similar to (1192).

but no crescent ; سنة<sup>r</sup> ;
and beneath quivers, ۵ • •

N 135, Wt. 556

100 Piastres.

1197

Year of reign 6 (1298).

” سنة<sup>r</sup>
nothing below.

”

N 3, Wt. 113

1197a

Year of reign 7 (1299).

” سنة<sup>v</sup>
To right of Tughrá, غازی \*

”

N 9

50 Piastres.

1198

Year of reign 6 (1298).

”

”

N 7, Wt. 556

25 Piastres.

1199

Same year.

”

”

Pl. X. N 6, Wt. 277

\* The title غازی, or “Victor,” was adopted by 'Abd-El-Hameed after the Russo-Turkish war.

SILVER.

20 Piastres.

*Obv.**Rev.*

1200

Year of reign 1 (1293).

Similar to (1193).

Similar to (1193).

Beneath, <sup>1</sup>سنة

Æ 1.45, Wt. 370

10 Piastres.

1201

Year of reign 3 (1295).

" <sup>3</sup>سنة

"

Æ 1.05

5 Piastres.

1202

Year of reign 4 (1296).<sup>1</sup>" <sup>4</sup>سنة

"

Æ .85

Piastre.

1203

Year of reign 1 (1293).

" <sup>1</sup>سنة

"

Around Tughrá,
stars only.

Æ .6

Half-Piastre or 20 Para Piece.

1204

Same year.

"

"

Around Tughrá,
laurel-wreath.Above, <sup>2</sup>ر.

Æ .5

MEDALS.

MEDALS.

MILITARY AND NAVAL.

*Obv.**Rev.*

I.—III.

Egyptian Expedition, 1801.

G O L D.

Crescent and star, in
ornamental border.Tughrá of Seleem III.
Beneath, in ornamental
border, 1801.

Chain and hook for suspension.

Three sizes: *N* 2'1, Wt. 714*N* 1'65, Wt. 314Pl. XI. *N* 1'45, Wt. 212

IV.

S I L V E R.

Similar: without chain or hook.

B 1'45, Wt. 124

"After the defeat of the French in Egypt 1801, the Sultan [SELEEM III.], instituted an order of knighthood designated *The Crescent*, which he conferred on the general officers of the English forces. At the same time he presented gold medals of three sizes: the largest to the Generals and Admirals; the middle size to Field Officers and Captains R.N.; and the smallest to Captains and Subalterns, and Lieutenants R.N."\* The silver medal was given to the rank and file.

\* H. A. GRUBER, *Guide to English Medals exhibited in the King's Library, British Museum, 1881*, p. 131.

Obv.

Rev.

V.

Campaign in Syria against Mohámmad 'Alee, 1247 (1832).

G O L D.

Tughrá of Mahmood II., and
عدلى on 16-rayed Star.

Beneath, Crescent, inscribed
نشان افتخار
("Insignia of honour.")

Mosque with two minarets,
at right, جامع ("Mosque");
at left, نصرت ("of Victory").
On base of mosque, ١٢٤٧

Pierced for suspension.

PL. XI. *N* 1'15, Wt. 252

VI. VII.

S I L V E R.

Similar.

Two sizes: *Pierced.* *E* 1'2, Wt. 202

Ringed. *E* 1'06, Wt. 125

VIII.

Medal to Russian Troops, 1249=1833.

S I L V E R.

Tughrá, and عدلى on Star of
16 rays, over laurel-branches,
under which ١٢٤٩ in car-
touche.

Crescent and Star over
laurel-branches, under
which 1833 in cartouche.

Pierced for suspension.

PL. XI. *E* 1'15, Wt. 145

The following extract from Sir EDWARD CREASY's *History of the Ottoman Turks* (1877 ed., p. 521 ff.) will explain the circumstances under which Medals V.-VIII. were awarded:—"Mehemet Ali had resolved on founding an hereditary dominion on the ruins of the apparently doomed empire of the Sultan. He had restored his navy after its destruction at Navarino; he possessed a veteran and admirably-disciplined army, chiefly officered by Frenchmen; and, above all, he had a general of science, experience, prudence, and energy in his son, the celebrated Ibrahim Pacha. He had obtained the Pachalic of Crete from the Porte, but had been refused that of Syria. He determined to take it by force. A personal quarrel with the Pacha of Acre gave him a pretext for attacking that officer. The command of the Sultan that this civil war between his servants should cease was contemptuously disregarded; and Ibrahim Pacha besieged Acre with an army of 4000 men, and a fleet of five ships of the line and several frigates. The key of Syria was captured by him on the 27th of May, 1832, and for several years Mehemet Ali was the real sovereign of that important country. The disaffected armies of raw recruits, badly officered, and worse generaleed, which the Sultan sent against the rebel Egyptian Chief, were beaten by Ibrahim in three great battles—at Ems, in Upper Syria, on July 6th, 1832; at Beylon (in Cilicia, near the ancient battle-field of Issus), 1832, on the 29th of the same month; and at Konieh, in Asia Minor, on the 29th of October. The position of these places indicates the rapid progress and bold designs of the Egyptian commander, who seemed to annex Asia Minor to Mehemet's dominions with the same ease as Syria, and whose advance upon Constantinople in the coming spring appeared to be inevitable and irresistible. In this agony of his House and Empire the Sultan sought aid first from England, but none unhappily was accorded. Russia was watching eagerly for the opportunity which English folly thus threw in her way. Her troops and her transports, and her ships of war, were ready at Sebastopol and Odessa; and when, at last, Mehemet humbled himself to express to his ancient enemy a wish for a protecting force, prompt messengers were despatched to the great Crimean

depôt of Muscovite power, and a Russian squadron of four ships of the line set sail from Sebastopol and landed 6000 of the Emperor's troops near the mouth of the Bosphorus on February the 20th, 1833.

"Meanwhile, the forward march of Ibrahim had been temporarily stayed by a messenger from Admiral Roussin, whom the French Government had sent with a fleet to aid the Sultan. A negotiation was entered into, but broken off after a few days, and in the beginning of March Ibrahim again pointed his columns towards the Bosphorus. But a second Russian armament from Odessa now had reached those straits, and, on the 5th of April, 12,000 soldiers of the Czar Nicholas were encamped on the Giant's Mountain, near Scutari. Ibrahim felt that any future advance on his part would be madness; and occupied himself in procuring the largest possible increase to his father's power in the negotiations that followed, in which England and France (now thoroughly alarmed at the advantage gained by Russia) took part with anxious zeal. The terms of compulsory reconciliation between the Sultan and the over-powerful vassal were embodied in a Firman of May the 6th, 1833, by which the Porte confirmed Mehemet Ali in his government of Crete and Egypt, and added to them those of Jerusalem, Tripoli, Aleppo, Damascus, and Adana."

IX.

Campaign in Syria, 1256 (1840).

Obv.

S I L V E R.

Rev.

Tughrâ of 'Abd-El-Mejced,
in laurel-wreath.

Fortress of Acre, displaying
Turkish ensign.

Above, six stars.

Beneath, <sup>١٢٥٦</sup> بَرِّيَّةُ الشَّامِ وَقَلْعَةُ عَا

("The Plain of Syria and Fortress of Acre.")

With clasp.

R 1'15

IX<sup>A</sup>.

Same in miniature: varied.

Pl. XL. R 75, Wt. 75

Z Z

X.

C O P P E R.

Similar, but  pointed.

Pierced for suspension.

Æ 1'15

"This medal was bestowed by the Sultan upon the English naval forces engaged in the war in Syria, 1840; in gold to officers ranking with field-officers; in silver to quarter-deck and warrant-officers; and in copper to petty officers, seamen, marines, and boys." \*

The Treaty of July 15th, 1840, between Turkey, England, Russia, Austria, and Prussia, defined the terms on which the disputes between the Sultan and Mohamammad 'Alee were to be settled. "Mehemet Ali (who probably expected aid from France) refused for some time the requisitions of Turkey and the four Powers; and an English fleet, under Admirals Stopford and Napier, proceeded to wrest from him his stronghold on the Syrian coast. Beyrout was bombarded on the 29th of August, 1840, its Egyptian garrison was expelled, and the Turkish troops, which had been conveyed on board the English fleet, took possession of the ruins in the Sultan's name. By a still more splendid achievement in the British Navy, Acre was bombarded and captured on the 3rd of November. The other Syrian fortresses fell rapidly; and, aided by the British seamen and marines, and also by the native populations (which had found Egyptian bondage far more grievous than the old Turkish rule), the Sultan's forces were, by the close of November, completely masters of Syria." †

\* GRUBER, *l.c.*

† CRESSY, *l.c.*, 526.

Obv.

Rev.

XI.

Campaign in Kurdistan, 1263 (1847).

G O L D.

Ṭughrá of 'Abd-El-Mejeed.

View of lake surrounded by
mountains.

Above, كردستان

۱۲۶۳
سنة

Pierced for suspension.

PL. XI. *N* 106, Wt. 143

XII.

S I L V E R.

Similar.

Pierced and ringed.

N 106, Wt. 147

XIII.

General Service Medal, 1270 (1854).

S I L V E R.

Ṭughrá of 'Abd-El-Mejeed,
beneath which ۱۲۷۰, both
within coggled circle; over
which crescent and star, and
at either side laurel-branch
and two standards.

Six-rayed star upon larger
twelve-rayed star. On either
side six-rayed star. Beneath,
نشان افتخار ("Insignia of
honour") on scroll over
laurel-branches.

Pierced for suspension.

PL. XI. *N* 126, Wt. 244

This medal was conferred only on two officers and thirty sailors of the British Navy. A specimen of it was picked up on the battle-field of Tell El-Kebeer, 1882; but how it came to be there was not ascertained.

*Obv.**Rev.*

XIV.

Crimean War, 1271=1855.

S I L V E R.

Tughrá of 'Abd-El-Mejeed;

beneath, قریم

۱۲۷۱

the whole within laurel-
wreath.Trophy of arms, etc., with
flags of England, Turkey,
France, and Sardinia; on
cannon, map of Crimea;
underneath, Russian flag.Beneath, LA CRIMÉE,
1855.

Pierced for suspension.

PL. XI. B. 1'45, Wt. 368

XV.

Defence of Kars, 1272 (1855).

S I L V E R.

Tughrá of 'Abd-El-Mejeed,
within wreath of laurel-
and oak-branches.View of town and fortress of
Kars, displaying Turkish
ensign; beneath, قارص

۱۲۷۲

Pierced for suspension.

PL. XII. B. 1'45, Wt. 366

The circumstances under which these two medals were
awarded need no explanation.

*Obv.**Rev.*

XVI.

Campaign in Montenegro = Kara-Tágh, 1279 (1862).

In centre, خان عبد العزيز
 Above, المستند بتوفيقات الرمانية
 Beneath, ملك الدولة العثمانية
 Inclosed in crescent.

View of mountains, upon which
 flag inscribed with crescent :
 at foot, cannon.
 Beneath, in scroll, قره طاغ ;
 At bottom, ١٢٧٩.

Pierced for suspension.

PL. XII. *Æ* 1'45, Wt. 370

 MISCELLANEOUS MEDALS.

XVII.

New Coinage, 1168 (1754).

G O L D.

Tughrá of Sultán
 'Othmán III.; and flower ;
 within chain-border.

سكة جديد
 ضرب في
 اسلامبول

١١٦٨

("New money, struck at
 Islámból 1168").

Within chain-border.

PL. XII. *Oval.* *N* 1'45 x 1'0. Wt. 384

This is a trial-piece which the Grand Vizir Raghib Pasha
 struck to gratify the Sultán.

*Obv.**Rev.*

XVIII.

Reformed Monetary Standard, 1255 (1839).

BRONZE.

Tughrá of 'Abd-El-Mejeed,
and rose-sprig, within corn-
wreath, bound up with two
quivers.

اشته تصحيح عيار سكه
صرف همت قیلدی خان
عبد الحمید \*

(" This correction of the standard
of money is by order of Khán
'Abd-El-Mejeed.")

Within rose-wreath.

Above, ° between sprigs.

Beneath, ۱۲۵۵ between sprigs.

Pl. XII. A 2

XIX.

Restoration of St. Sophia, 1265 (1849).

SILVER.

Tughrá of 'Abd-El-Mejeed
within ornate border.

View of Mosque of St. Sophia.

On base,

FOSSATI DES. ROBERTSON SC.

Beneath, تاریخ تعمیر
ایه صوفیه

۱۲۶۵

سنة

Pl. XII. A 175, Wt. 600

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\* Dates printed in block-type are years of Sultáns' accessions; it does not necessarily follow that the coin was struck in that very year.

† Henceforward the coins are all of 'Othmánlees, and this column will therefore be omitted as superfluous.

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\* This date belongs to the next reign. Perhaps the change of sovereigns had not reached Tunis.

† Henceforward, most of the coins bear the date of accession and the year of the reign. The latter is given in the second column, and the resulting date (which does not appear in this form on the coins) in the first column : when there is no year of reign, however, the date in the first column alone appears on the coins.

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•

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| | | |
|-------------------|----------------------|---|
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| | |
|----------------------|------------|
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| 2 " " | 1140 |

Copper.

| | | | | |
|-----|----------------|-------------------|---------------|------------|
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| | | ‡ " | ‡ " | 1189 |
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250 سہ ؟

277 مین ؟

194 فلو[س] ؟

389—381 ن

867—874 ط

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\* It is noteworthy that all these numbers enclosed between the brackets refer to coins of the uneven series, 15, 30, 60, Onbeshlik, Zolota, or Altmishlik. With the exception of the compound form found on 498 at Tunis, ملكه دام never appears on a gold coin till the time of Mahmood II, and is most usual on silver coins of the metropolis.

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FOR
CONVERTING ENGLISH INCHES INTO MILLIMETRES
AND THE
MEASURES OF MIONNET'S SCALE.

| ENGLISH INCHES | | FRENCH MILLIMETRES |
|--|--|---|
| <div>4.</div> <div>3.5</div> <div>3.</div> <div>2.5</div> <div>2.</div> <div>1.5</div> <div>1.</div> <div>.9</div> <div>.8</div> <div>.7</div> <div>.6</div> <div>.5</div> <div>.4</div> <div>.3</div> <div>.2</div> <div>.1</div> | <div>MIONNET'S SCALE</div> <div>19</div> <div>18</div> <div>17</div> <div>16</div> <div>15</div> <div>14</div> <div>13</div> <div>12</div> <div>11</div> <div>10</div> <div>9</div> <div>8</div> <div>7</div> <div>6</div> <div>5</div> <div>4</div> <div>3</div> <div>2</div> | <div>100</div> <div>95</div> <div>90</div> <div>85</div> <div>80</div> <div>75</div> <div>70</div> <div>65</div> <div>60</div> <div>55</div> <div>50</div> <div>45</div> <div>40</div> <div>35</div> <div>30</div> <div>25</div> <div>20</div> <div>15</div> <div>10</div> <div>5</div> |

TABLE
OF THE
RELATIVE WEIGHTS OF
ENGLISH GRAINS and FRENCH GRAMMES.

| Grains | Grammes. | Grains. | Grammes. | Grains. | Grammes. | Grains. | Grammes. |
|--------|----------|---------|----------|---------|----------|---------|----------|
| 1 | ·064 | 41 | 2·656 | 81 | 5·248 | 121 | 7·840 |
| 2 | ·129 | 42 | 2·720 | 82 | 5·312 | 122 | 7·905 |
| 3 | ·194 | 43 | 2·785 | 83 | 5·378 | 123 | 7·970 |
| 4 | ·259 | 44 | 2·850 | 84 | 5·442 | 124 | 8·035 |
| 5 | ·324 | 45 | 2·915 | 85 | 5·508 | 125 | 8·100 |
| 6 | ·388 | 46 | 2·980 | 86 | 5·572 | 126 | 8·164 |
| 7 | ·453 | 47 | 3·045 | 87 | 5·637 | 127 | 8·229 |
| 8 | ·518 | 48 | 3·110 | 88 | 5·702 | 128 | 8·294 |
| 9 | ·583 | 49 | 3·175 | 89 | 5·767 | 129 | 8·359 |
| 10 | ·648 | 50 | 3·240 | 90 | 5·832 | 130 | 8·424 |
| 11 | ·712 | 51 | 3·304 | 91 | 5·896 | 131 | 8·488 |
| 12 | ·777 | 52 | 3·368 | 92 | 5·961 | 132 | 8·553 |
| 13 | ·842 | 53 | 3·434 | 93 | 6·026 | 133 | 8·618 |
| 14 | ·907 | 54 | 3·498 | 94 | 6·091 | 134 | 8·682 |
| 15 | ·972 | 55 | 3·564 | 95 | 6·156 | 135 | 8·747 |
| 16 | 1·036 | 56 | 3·628 | 96 | 6·220 | 136 | 8·812 |
| 17 | 1·101 | 57 | 3·693 | 97 | 6·285 | 137 | 8·877 |
| 18 | 1·166 | 58 | 3·758 | 98 | 6·350 | 138 | 8·942 |
| 19 | 1·231 | 59 | 3·823 | 99 | 6·415 | 139 | 9·007 |
| 20 | 1·296 | 60 | 3·888 | 100 | 6·480 | 140 | 9·072 |
| 21 | 1·360 | 61 | 3·952 | 101 | 6·544 | 141 | 9·136 |
| 22 | 1·425 | 62 | 4·017 | 102 | 6·609 | 142 | 9·200 |
| 23 | 1·490 | 63 | 4·082 | 103 | 6·674 | 143 | 9·265 |
| 24 | 1·555 | 64 | 4·146 | 104 | 6·739 | 144 | 9·330 |
| 25 | 1·620 | 65 | 4·211 | 105 | 6·804 | 145 | 9·395 |
| 26 | 1·684 | 66 | 4·276 | 106 | 6·868 | 146 | 9·460 |
| 27 | 1·749 | 67 | 4·341 | 107 | 6·933 | 147 | 9·525 |
| 28 | 1·814 | 68 | 4·406 | 108 | 6·998 | 148 | 9·590 |
| 29 | 1·879 | 69 | 4·471 | 109 | 7·063 | 149 | 9·655 |
| 30 | 1·944 | 70 | 4·536 | 110 | 7·128 | 150 | 9·720 |
| 31 | 2·008 | 71 | 4·600 | 111 | 7·192 | 151 | 9·784 |
| 32 | 2·073 | 72 | 4·665 | 112 | 7·257 | 152 | 9·848 |
| 33 | 2·138 | 73 | 4·729 | 113 | 7·322 | 153 | 9·914 |
| 34 | 2·202 | 74 | 4·794 | 114 | 7·387 | 154 | 9·978 |
| 35 | 2·267 | 75 | 4·859 | 115 | 7·452 | 155 | 10·044 |
| 36 | 2·332 | 76 | 4·924 | 116 | 7·516 | 156 | 10·108 |
| 37 | 2·397 | 77 | 4·989 | 117 | 7·581 | 157 | 10·173 |
| 38 | 2·462 | 78 | 5·054 | 118 | 7·646 | 158 | 10·238 |
| 39 | 2·527 | 79 | 5·119 | 119 | 7·711 | 159 | 10·303 |
| 40 | 2·592 | 80 | 5·184 | 120 | 7·776 | 160 | 10·368 |

TABLE
OF THE
RELATIVE WEIGHTS OF
ENGLISH GRAINS and FRENCH GRAMMES.

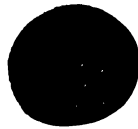
| Grains. | Grammes. | Grains. | Grammes. | Grains. | Grammes. | Grains. | Grammes. |
|---------|----------|---------|----------|---------|----------|---------|----------|
| 161 | 10.432 | 201 | 13.024 | 241 | 15.616 | 290 | 18.79 |
| 162 | 10.497 | 202 | 13.069 | 242 | 15.680 | 300 | 19.44 |
| 163 | 10.562 | 203 | 13.154 | 243 | 15.745 | 310 | 20.08 |
| 164 | 10.626 | 204 | 13.219 | 244 | 15.810 | 320 | 20.73 |
| 165 | 10.691 | 205 | 13.284 | 245 | 15.875 | 330 | 21.38 |
| 166 | 10.756 | 206 | 13.348 | 246 | 15.940 | 340 | 22.02 |
| 167 | 10.821 | 207 | 13.413 | 247 | 16.005 | 350 | 22.67 |
| 168 | 10.886 | 208 | 13.478 | 248 | 16.070 | 360 | 23.32 |
| 169 | 10.951 | 209 | 13.543 | 249 | 16.135 | 370 | 23.97 |
| 170 | 11.016 | 210 | 13.608 | 250 | 16.200 | 380 | 24.62 |
| 171 | 11.080 | 211 | 13.672 | 251 | 16.264 | 390 | 25.27 |
| 172 | 11.145 | 212 | 13.737 | 252 | 16.328 | 400 | 25.92 |
| 173 | 11.209 | 213 | 13.802 | 253 | 16.394 | 410 | 26.56 |
| 174 | 11.274 | 214 | 13.867 | 254 | 16.458 | 420 | 27.20 |
| 175 | 11.339 | 215 | 13.932 | 255 | 16.524 | 430 | 27.85 |
| 176 | 11.404 | 216 | 13.996 | 256 | 16.588 | 440 | 28.50 |
| 177 | 11.469 | 217 | 14.061 | 257 | 16.653 | 450 | 29.15 |
| 178 | 11.534 | 218 | 14.126 | 258 | 16.718 | 460 | 29.80 |
| 179 | 11.599 | 219 | 14.191 | 259 | 16.783 | 470 | 30.45 |
| 180 | 11.664 | 220 | 14.256 | 260 | 16.848 | 480 | 31.10 |
| 181 | 11.728 | 221 | 14.320 | 261 | 16.912 | 490 | 31.75 |
| 182 | 11.792 | 222 | 14.385 | 262 | 16.977 | 500 | 32.40 |
| 183 | 11.858 | 223 | 14.450 | 263 | 17.042 | 510 | 33.04 |
| 184 | 11.922 | 224 | 14.515 | 264 | 17.106 | 520 | 33.68 |
| 185 | 11.988 | 225 | 14.580 | 265 | 17.171 | 530 | 34.34 |
| 186 | 12.052 | 226 | 14.644 | 266 | 17.236 | 540 | 34.98 |
| 187 | 12.117 | 227 | 14.709 | 267 | 17.301 | 550 | 35.64 |
| 188 | 12.182 | 228 | 14.774 | 268 | 17.366 | 560 | 36.28 |
| 189 | 12.247 | 229 | 14.839 | 269 | 17.431 | 570 | 36.93 |
| 190 | 12.312 | 230 | 14.904 | 270 | 17.496 | 580 | 37.58 |
| 191 | 12.376 | 231 | 14.968 | 271 | 17.560 | 590 | 38.23 |
| 192 | 12.441 | 232 | 15.033 | 272 | 17.625 | 600 | 38.88 |
| 193 | 12.506 | 233 | 15.098 | 273 | 17.689 | 700 | 45.36 |
| 194 | 12.571 | 234 | 15.162 | 274 | 17.754 | 800 | 51.84 |
| 195 | 12.636 | 235 | 15.227 | 275 | 17.819 | 900 | 58.32 |
| 196 | 12.700 | 236 | 15.292 | 276 | 17.884 | 1000 | 64.80 |
| 197 | 12.765 | 237 | 15.357 | 277 | 17.949 | 2000 | 129.60 |
| 198 | 12.830 | 238 | 15.422 | 278 | 18.014 | 3000 | 194.40 |
| 199 | 12.895 | 239 | 15.487 | 279 | 18.079 | 4000 | 259.20 |
| 200 | 12.960 | 240 | 15.552 | 280 | 18.144 | 5000 | 324.00 |



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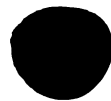
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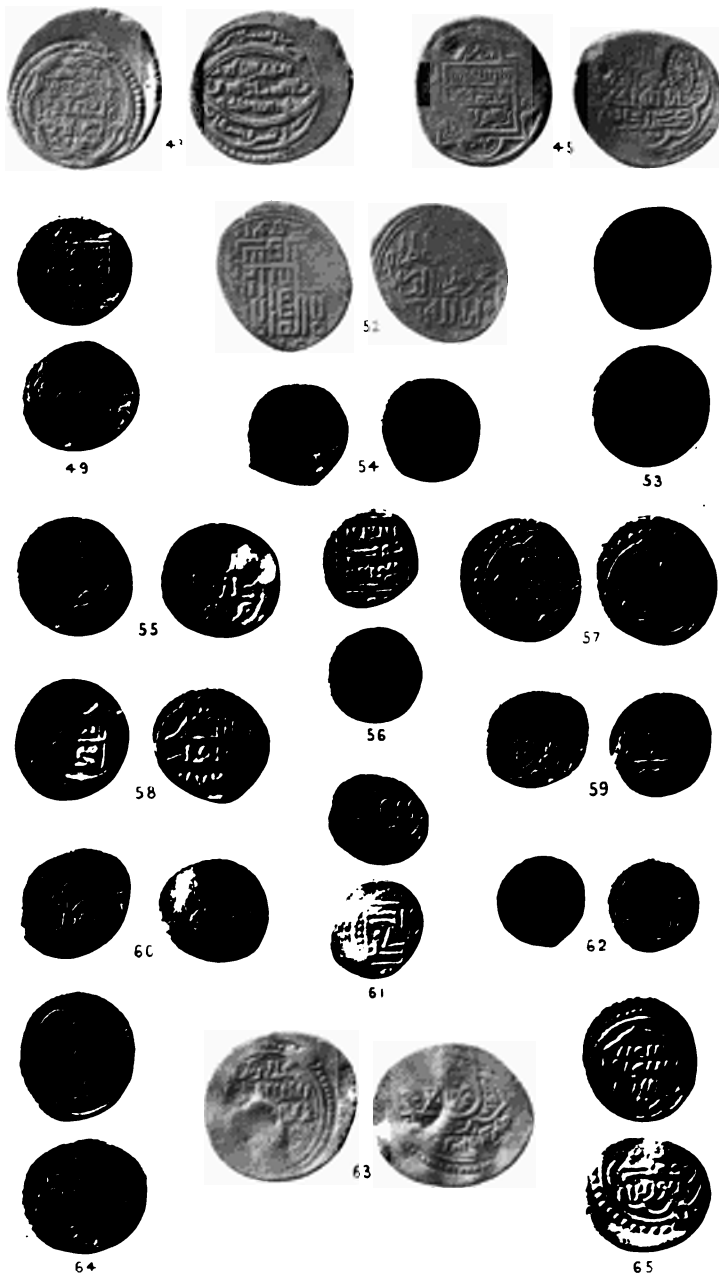
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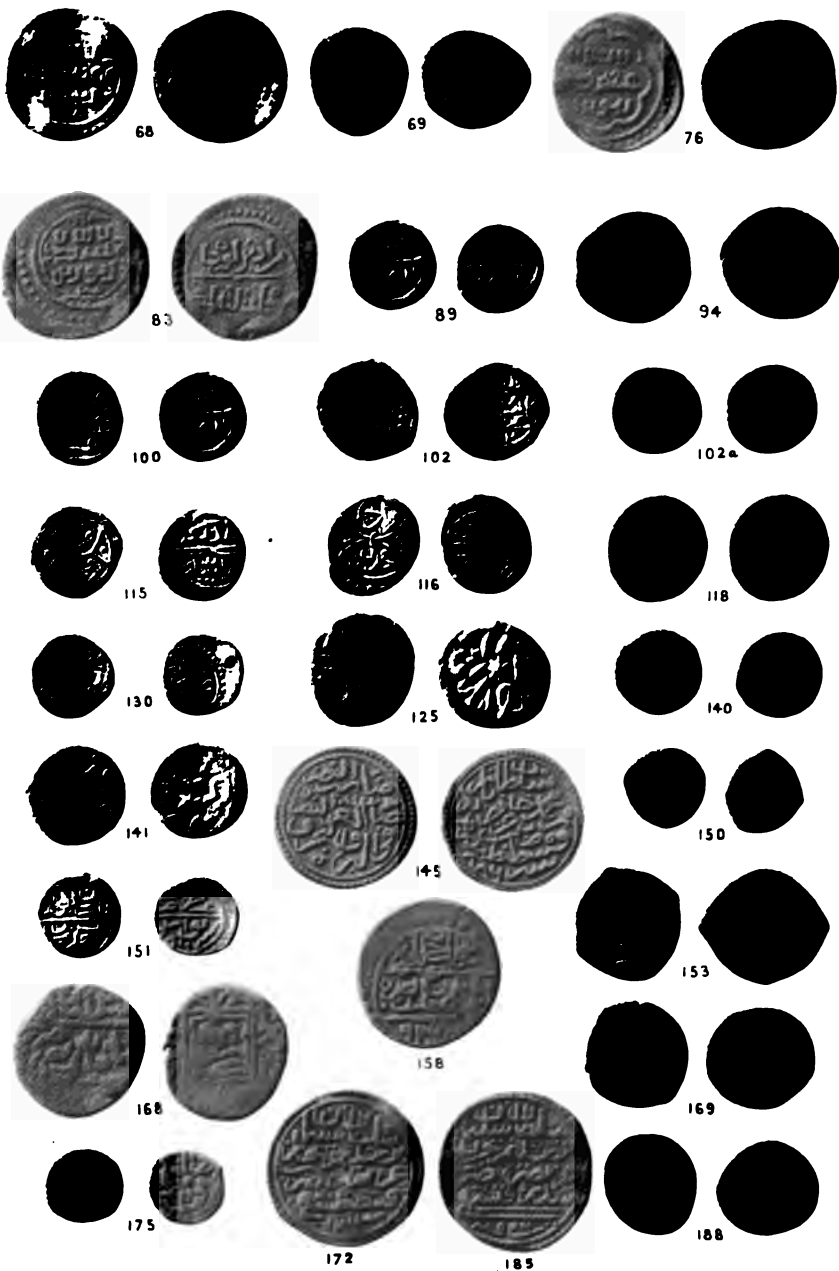
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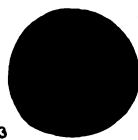




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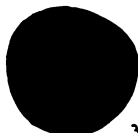
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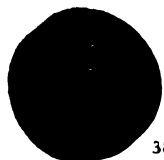
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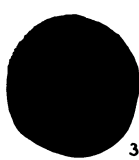
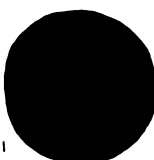
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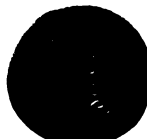
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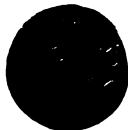
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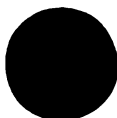
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III



V



IX^



VIII



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